# SERVICE MANUAL

COMMANDER DEST.

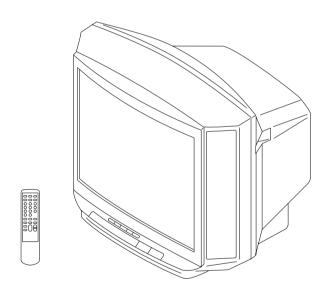
BG-1S (D) CHASSIS

KV-J21MF1AK RM-883 India SCC-K67K-A KV-J21MF3 RM-883 India SCC-K76F-A KV-J21MN1AK RM-883 India SCC-K67L-A

MODEL

KV-J21PF1 RM-883 India SCC-K67G-A

COMMANDER DEST. CHASSIS NO.



CHASSIS NO.

MODEL





## **SPECIFICATIONS**

		Note		
Power requirements	110-240 V AC, 50/60 Hz			
Power consumption (W)	Indicated on the rear of the TV			
Television system	B/G, I, D/K, M	Except for KV-J21PF1		
	B/G	KV-J21PF1		
Color system	PAL, PAL 60, SECAM, NTSC4.43, NTSC3.58	Except for KV-J21PF1		
	PAL, PAL 60,NTSC4.43, NTSC3.58 (AV IN)	KV-J21PF1		
Stereo system	NICAM Stereo B/G, I; A2 Stereo (German) B/G	KV-J21MN1AK only		
Channel coverage				
B/G	VHF: E2 to E12/UHF: E21 to E69/CATV: S01 to S03, S1 to S41			
1	UHF: B21 to B68/CATV: S01 to S03, S1 to S41	Except for KV-J21PF1		
D/K	VHF: C1 to C12, R1 to R12/UHF: C13 to C57, R21 to R60/			
	CATV: S01 to S03, S1 to S41, Z1 to Z39	Except for KV-J21PF1		
М	VHF: A2 to A13/UHF: A14 to A79/			
	CATV: A-8 to A-2, A to W+4, W+6 to W+84	Except for KV-J21PF1		
Audio output (speaker)	3W + 3W	KV-J21MF3/J21PF1		
	3W + 3W + 7W (3D WOOFER)	KV-J21MF1AK/J21MN1AK		
Inputs	Antenna: 75 ohms			
	VIDEO IN jacks: phono jacks			
	Video: 1 Vp-p, 75 ohms			
	Audio: 500 mVrms, high impedance			
Outputs	Headphone jack: minijack			
	MONITOR OUT jacks: phono jacks			
	Video: 1 Vp-p, 75 ohms			
	Audio: 500 mVrms			
Picture tube	21 in.			
Tube size (cm)	54	Measured diagonally		
Screen size (cm)	51	Measured diagonally		
Dimensions (w/h/d, mm)	$610 \times 470 \times 488$	KV-J21MF3/J21PF1		
	$610 \times 510 \times 488$	KV-J21MF1AK/J21MN1AK		
Mass (kg)	23	KV-J21MF3/J21PF1		
	25	KV-J21MF1AK/J21MN1AK		

Design and specifications are subject to change without notice.

## CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

## SAFETY-RELATED COMPONENT WARNING!!

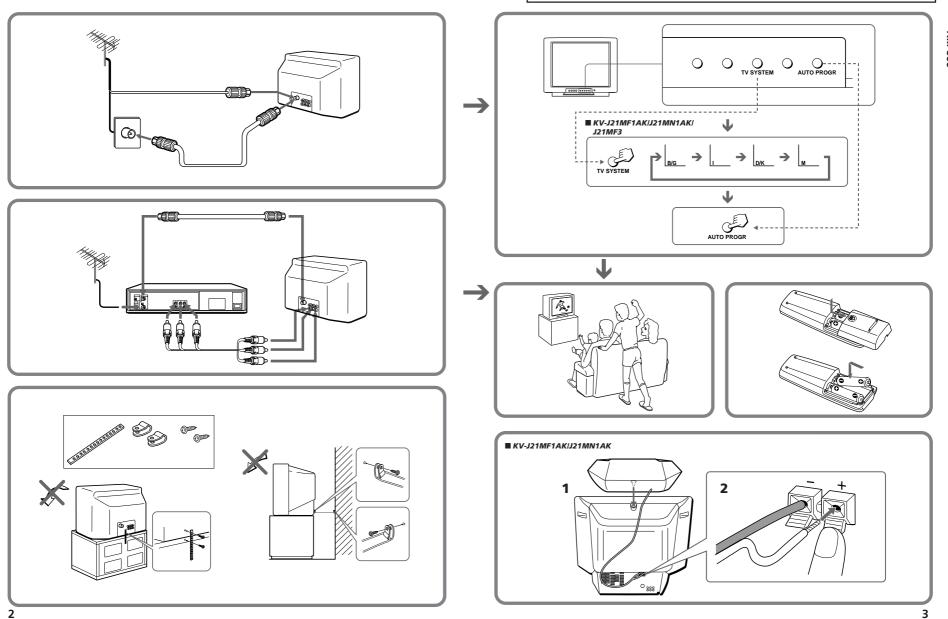
COMPONENTS IDENTIFIED BY SHADING AND MARK  $\triangle$  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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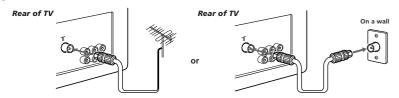
# SECTION 1 GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Instructions Manual. The page numbers of the Operating Instruction Manual remain as in this manual.



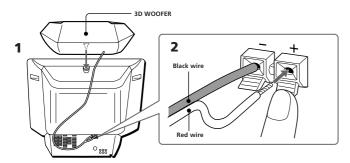
## Connecting a VHF antenna or a combination VHF/UHF antenna - 75-ohm coaxial cable (round)

Attach an optional IEC antenna connector to the 75-ohm coaxial cable. Plug the connector into the ™ (antenna) socket at the rear of the TV.



## **Connecting the 3D WOOFER**

- **■** KV-J21MF1AK/J21MN1AK only
- 1 Attach the 3D WOOFER into the foothold on the top of the TV.
- $\boldsymbol{2}$  Connect the wires to the 3D WOOFER (8 $\Omega$ ) terminals at the rear of the TV. The red wire should be connected to the  $\oplus$  red terminal and the black wire to the  $\ominus$  black terminal.



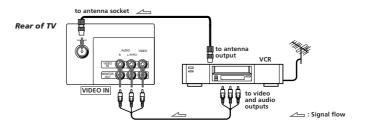
- Connect only the supplied 3D WOOFER; otherwise the TV may malfunction.
- Unplug the TV from the wall outlet when connecting the 3D WOOFER.
- To prevent a malfunction caused by a short circuit of the terminals, make sure that none of the 3D WOOFER wire strands stick out, making contact with the neighbouring speaker terminal.

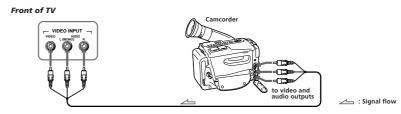
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## **Connecting optional equipment**

You can connect optional audio/video equipment to your TV such as a VCR, multi disc player, camcorder, video

## Connecting video equipment using video input jacks

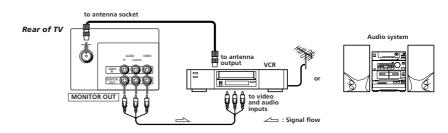




## When using the video input jacks

Do not connect video equipment to the video input jacks at the front and the rear of your TV simultaneously; otherwise the picture will not be displayed properly on the screen.

## Connecting audio/video equipment using MONITOR OUT jacks



## When recording through the MONITOR OUT jacks

If you change the channel or video input while recording with a VCR, the channel or video input you are recording also will be changed.

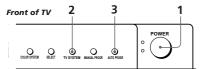
# **Presetting channels**

You can preset up to 100 TV channels in numerical sequence from program position 1 automatically.

To change the channel for a particular program position or to receive a channel with a weak signal, you can preset the channel manually. You can also disable program position.

You can preset TV channels using the buttons on the TV or the remote commander.

## **Presetting channels automatically** using the buttons on the TV



1 Press POWER to turn on the TV.

0

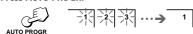


When the TV is turned on in standby mode, press POWER on the remote commander.

2 Press TV SYSTEM until your local TV system appears (KV-J21MF1AK/J21MN1AK/J21MF3 only)



3 Press AUTO PROGR.



## To start presetting channels automatically from the specified program position

- 1 Press MANUAL PROGR.
- 2 Press TV SYSTEM to select your local TV system (KV-J21MF1AK/J21MN1AK/J21MF3 only).
- 3 Press PROGR +/- to select the program position.
- 4 Press AUTO PROGR.
  - 6 | Getting Started

## Presetting channels manually using the buttons on the TV

- 1 Press MANUAL PROGR.
- 2 Press PROGR +/- on the remote commander until the required program position appears on the screen.
- 3 Press TV SYSTEM until your local TV system appears (KV-J21MF1AK/J21MN1AK/J21MF3
- 4 Press VOLUME +/- until the required channel picture appears on the screen.
- 5 Press MANUAL PROGR.

## If the TV system is not properly selected (KV-J21MF1AK/J21MN1AK/J21MF3 only)

The color of the picture may be poor and/or the sound may be noisy. In this case, select the appropriate TV

- 1 Press PROGR +/- on the remote commander to select the program position.
- 2 Press TV SYSTEM until the picture and sound become normal.

## Notes (KV-J21MF1AK/J21MN1AK/J21MF3 only)

- If you do not know your local TV system, consult your nearest authorized service center or dealer.
- · The setting of the TV SYSTEM is memorized for each program

## Disabling program positions using the buttons on the TV

By disabling unused or unwanted program positions, you can skip those positions when you press PROGR +/- on the remote commander.

- 1 Press PROGR +/- on the remote commander until the unused or unwanted program position appears on the screen.
- 2 Press MANUAL PROGR.
- **3** Press PIC MODE on the remote commander.
- 4 Press MANUAL PROGR.

## To cancel the skip setting

Preset the channel manually or automatically again.

## Presetting channels automatically using the remote commander



1 Press POWER to turn on the TV.



When the TV is turned on in standby mode, press POWER on the remote commander.

2 Press SELECT until "TV SYSTEM" appears (KV-J21MF1AK/J21MN1AK/J21MF3 only).





3 Press + or - to select your local TV system (KV-J21MF1AK/J21MN1AK/J21MF3 only).



4 Press SELECT until "AUTO PROGRAM" appears.





**5** Press + or - .





6 Press + or - .





## Presetting channels manually using the remote commander

1 Press SELECT until "TV SYSTEM" appears (KV-J21MF1AK/J21MN1AK/J21MF3 only).





2 Press + or - to select your local TV system (KV-J21MF1AK/J21MN1AK/J21MF3 only).



3 Press PROGR +/- or a number button until the required program appears on the



4 Press SELECT until "MANUAL PROGRAM"





(4) (5) (6)

8 9

**5** Press + or - .





6 Press + or - .



The selected channel appears on the screen.

**7** Press SELECT to return to normal screen.



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- 1 Select the program position you want to adiust.
- 2 Press SELECT until "MANUAL PROGRAM" appears on the screen.
- 3 Press + or on the remote commander
- 4 Press DISP until "FINE" appears on the screen.
- **5** Press + or continuously until you are satisfied with the picture and sound
- **6** Press SELECT to return to normal screen.

**Operations** 

# **Watching the TV**

1 Press POWER to turn on the TV.



When the TV is turned on in standby mode, press POWER on the remote commander.

2 Select the TV program you want to watch.

To select a program position directly

Press the number button.



To select a two-digit program position, press "-/--" before pressing the number buttons.

For example: to select program position 25, press "-/--," and then "2" and "5."









## To scan through program positions

Press PROGR +/- until the program position you want appears.



3 Press VOL +/- to adjust the volume.



## **Turning off the TV**

## To turn off the TV temporarily

Press POWER on the remote commander. The STANDBY indicator on the TV lights up.





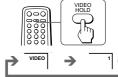
## To turn off the TV completely

Press POWER on the TV.

If the power on the TV is turned off in standby mode, the STANDBY indicator on the TV may remain alight for

## Watching the video input

Press VIDEO/HOLD.



## To watch TV

Press TV.



## Switching back quickly to the previous channel

Press JUMP.



## Muting the sound

Press MUTING.

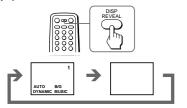


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## Displaying on-screen information

## Press DISP/REVEAL.

The program position, local system, and TV settings are displayed on the screen.

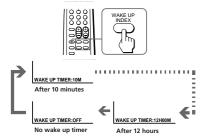


## **Setting the Wake Up Timer**

You can set the TV to automatically turn on as you have programmed.

1 Press WAKE UP/INDEX repeatedly to set the

The on-screen display appears and the WAKE UP indicator on the TV lights up.



- 2 If you want a particular TV program or video input to be displayed using the Wake Up Timer, select the TV program or video input.
- **3** Press POWER on the remote commander or set the Sleep Timer to turn off the TV in standby mode.

To cancel the Wake Up Timer, press WAKE UP/INDEX repeatedly until "WAKE UP TIMER: OFF" appears, or turn off the main power of the TV.

## Notes

· The Wake Up Timer starts immediately after the on-screen

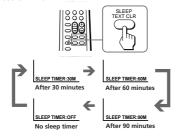
display disappears.

- The last TV program position or video input just before the TV turns into standby mode will appear when the TV is turned on using the Wake Up Timer.
- If no buttons or controls are pressed for more than two hours after the TV is turned on using the Wake Up Timer, the TV automatically turns into standby mode. If you want to continue watching the TV, press any button or control on the remote commander or the TV.

## **Setting the Sleep Timer**

You can set the TV to automatically turn off as you have programmed.

### Press SLEEP/TEXT CLR.



To cancel the Sleep Timer, press SLEEP/TEXT CLR repeatedly until "SLEEP TIMER: OFF" appears, or turn off the TV.

## Changing the on-screen display language

You can use buttons on the remote commander or the TV to change the on-screen display language.



1 Press SELECT until the screen appears as follows:



**2** Press + or - to select "中文" or "عربی".



## Note

• You can also use SELECT and VOLUME +/- on the TV to select the on-screen display language

## **Using the Child Lock** feature

You can prevent a child from watching certain program positions by using the buttons on the remote commander.



- 1 Select the TV program you want to lock.
- 2 Press SELECT until "CHILD LOCK" appears on the screen.



3 Press + or - until "LOCKED" appears on the screen.



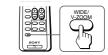
### Notes

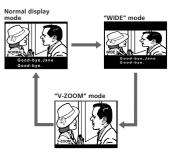
- To unlock the program position, repeat steps 1 to 3 as above until "LOCKED" disappears from the screen.
- . To prevent your child from unlocking the program position, keep the remote commander away from your child.

# Watching the picture in wide mode

You can adjust the display mode accordingly to fit the programs to your TV screen size.

Press WIDE/V-ZOOM repeatedly until the wide display mode you want appears on the screen.





# Adjusting the sound and picture

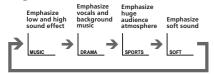


## Selecting the sound mode

Press SOUND MODE until the mode you want appears.



Each time you press SOUND MODE, the screen changes as follows:

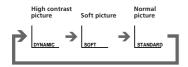


## Selecting the picture mode

Press PIC MODE until the mode you want appears.



Each time you press PIC MODE, the screen changes as follows:



· If you change the picture and sound mode after the following adjustments, the adjustment changes in accordance with the picture and sound mode.

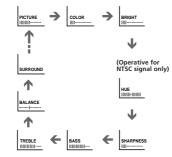
## 12 | Operations

## Adjusting the sound and picture settings

1 Press SELECT until the item you want to adjust appears.



Each time you press SELECT, the screen changes



2 Press + or - to adjust the item.



## 3 To adjust other items, repeat steps 1 and 2.

- You can also use SELECT and VOLUME +/- on the TV to adjust the sound and picture settings.
- SURROUND is only applicable to a stereo signal. When receiving a monaural signal, please turn off SURROUND for the best sound

## Front of TV



## If the picture color is abnormal when receiving programs through the T (antenna) terminal

Change the "TV SYSTEM" (for KV-J21MF1AK/J21MN1AK/ J21MF3 only) or "COLOR SYSTEM" setting or adjust the "COLOR" level in the on-screen display until the color becomes normal.

### If the picture color is abnormal when receiving programs through the video input jack

Change the "COLOR SYSTEM" setting or adjust the "COLOR" level in the on-screen display until the color becomes normal.

• Normally set "COLOR SYSTEM" to "AUTO".

If the sound is distorted or noisy when receiving programs through the T (antenna) terminal Change the "TV SYSTEM" setting (for KV-J21MF1AK/ J21MN1AK/J21MF3 only) in the on-screen display until the sound becomes clear.

# Selecting a stereo or bilingual program

### ■ KV-J21MN1AK only

## Press A/B/ENLARGE repeatedly until you receive the sound you want.

The on-screen display changes corresponding to the selected sound and the WAKE UP/STEREO indicator also lights up.



## When receiving a NICAM program

Broadcasting	On-screen display (Selected sound)					
NICAM stereo	NICAM MONO  →(Stereo sound) → (Regular sound)					
NICAM bilingual	NICAM NICAM MONO MAIN SUB (Regular - (Sub sound) sound)					
NICAM monaural	NICAM MONO (Regular sound) (Main sound)					

### When receiving an A2 (German) program

Broadcasting	On-screen display (Selected sound)				
A2 (German) stereo	STEREO (Stereo sound)				
A2 (German) bilingual	MAIN SUB (Sub sound)				

- · If the signal is very weak, the sound becomes monaural automatically.
- · If the stereo sound is noisy when receiving a NICAM program, select "MONO". The sound becomes monaural, however, the noise will be reduced

### If the sound is distorted or noisy when receiving a monaural program through the T (antenna) terminal

Press A/B/ENLARGE repeatedly until "MONO" appears on the screen.



To cancel the monaural sound setting, press A/B/ENLARGE again until "AUTO" appears on the screen.

### Notes

- The "MONO" or "AUTO" setting is memorized for each program position
- · You cannot receive stereo signal when the TV is in the "MONO" setting.

If you have any problems, read this manual again and check the countermeasure for each of the symptoms listed below.

If the problem persists, contact your nearest authorized service center or dealer.

## **Snowy picture Noisy sound**





- → Check the antenna.
- → Check the antenna connection on the TV and on the wall.
- → Check the TV SYSTEM setting (KV-J21MF1AK/J21MN1AK/J21MF3 only).

## **Dotted lines or stripes**



→ This may be caused by local interference (e.g. cars, neon signs and hair dryers). Adjust the antenna for minimum interference.

## Double images or "ghosts"



→ This may be caused by reflections from nearby mountains or buildings. A highly directional antenna may improve the picture.

## No picture No sound





- → Press POWER.
- → Check the antenna connection.
- → Check the VCR connections.
- → Check the power cord connection.
- → Check the standby mode.

## **Additional Information**

## **Good picture Noisy sound**





- → Check the TV SYSTEM setting (KV-J21MF1AK/J21MN1AK/J21MF3 only).
- → Reduce the TREBLE level or select the "SOFT" sound mode.

## **Good picture**

## No sound





- → Press VOLUME +
- → Press MUTING.
- → Press A/B/ENLARGE (KV-J21MN1AK).

### No color



- → Adjust the COLOR level in the on-screen display.
- → Check the COLOR SYSTEM setting.

## TV cannot receive stereo signal

→ Press A/B/ENLARGE until "AUTO" appears on the screen (KV-J21MN1AK).

### TV cabinet creaks

→ Even if the picture or the sound is normal, changes in the room temperature sometimes make the TV cabinet expand or contract, making a noise. This does not indicate a malfunction.

### Note on the remote commander

· The supplied remote commander is used on several models of the TV. If you do not find instructions for some controls that are on the remote commander, that means your TV does not employ the features of those controls, e.g. TEXT.

## Note on the TV SYSTEM button

• The TV SYSTEM button is not used on your TV (KV-J21PF1

## Notes

- When you switch on the TV, you may hear the "boon" sound that is caused by the demagnetization of the TV. This does not indicate a malfunction.
- . The picture color may become abnormal if you change the direction of your TV. To obtain the normal picture color, press POWER on the TV to switch off the TV for five minutes and then switch it on again.

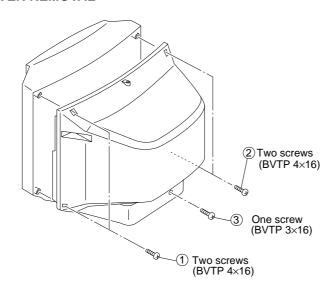
Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.



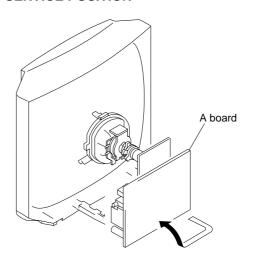
# 11

# SECTION 2 DISASSEMBLY

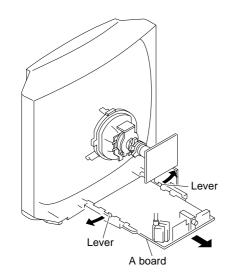
## 2-1. REAR COVER REMOVAL



## 2-3. SERVICE POSITION



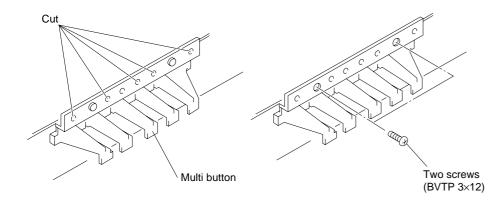
## 2-2. A BOARD REMOVAL

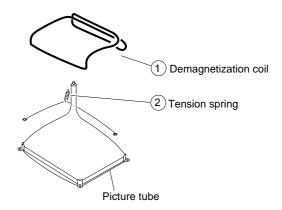


## 2-5. DEMAGNETIZATION COIL REMOVAL

For replacement of the Multi Button, Power Button and Light Guide, cut the welded portions from them, exchange with the new parts, and fix them with screws (+BVTP) respectively.

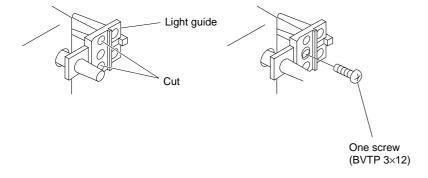
## 2-4-1. REPLACEMENT OF MULTI BUTTON



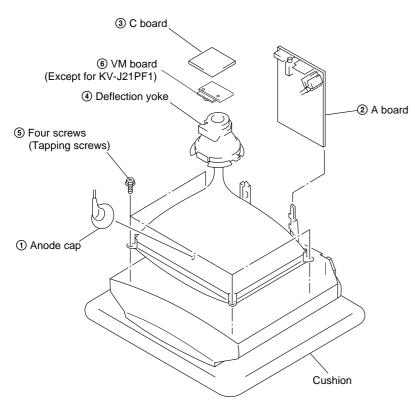


## 2-4-2. REPLACEMENT OF LIGHT GUIDE

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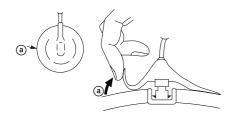
## 2-6. PICTURE TUBE REMOVAL



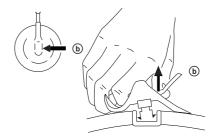
## • REMOVAL OF ANODE-CAP

**NOTE**: After removing the anode, short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT.

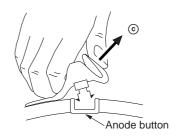
## • REMOVING PROCEDURES



1 Turn up one side of the rubber cap in the direction indicated by the arrow a.



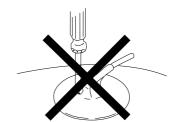
② Using a thumb press down, then pull up the rubber cap firmly in the direction indicated by the arrow ⑤.

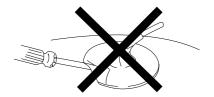


③ When one side of the rubber cap is separated from the anode button, the anodecap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow ⑥.

## HOW TO HANDLE AN ANODE-CAP

- ① Do not damage the surface of anode-cap with sharp shaped objects.
- ② Do not press the rubber too hard so as not to damage the inside of anode-cap. A metal fitting called the shatter-hook terminal is built into the rubber.
- ③ Do not turn the foot of rubber over too hard. The shatter-hook terminal will stick out or damage the rubber.





# SECTION 3 SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

Perform the adjustments in the following order:

- 1. Beam Landing
- 2. Convergence
- 3. Focus
- 4. White Balance

Note: Test Equipment Required:

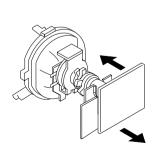
- 1. Color-bar/Pattern Generator
- 2. Degausser
- 3. Oscilloscope

## **Preparation:**

- In order to reduce the influence of geomagnetism on the set's picture tube, face it east or west.
- Switch on the power and degauss with the degausser.

## 3-1. BEAM LANDING

- 1. Input a white signal with the pattern generator.
  - Contrast
    Brightness normal
- Position neck assy as shown in Figure 3-1. (Except for KV-J21PF1)
- 3. Set the pattern generator raster signal to green.
- Move the deflection yoke to the rear and adjust with the purity control so that the green is at the center and the blue and the red take up equally sized areas on each side.
  - (See Figures 3-1 through 3-3.)
- 5. Move the deflection yoke forward and adjust so that entire screen is green. (See Figure 3-1.)
- 6. Switch the raster signal to blue, then to red and verify the condition.
- When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws.
- 8. If the beam does not land correctly in all the corners, use a magnet to adjust it. (See Figure 3-4.)



Neck assy G1 G2 G3

Fig. 3-1

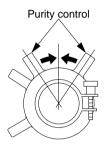


Fig. 3-2

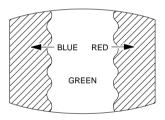
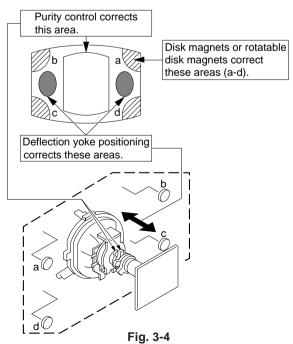


Fig. 3-3

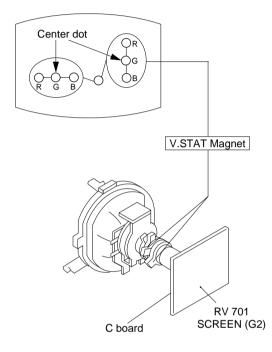


## 3-2. CONVERGENCE

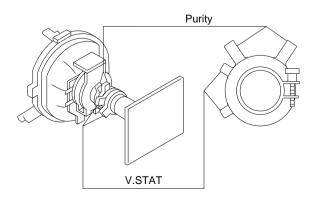
## **Preparation:**

- Before starting this adjustment, adjust the focus, horizontal size, and vertical size.
- Minimize the brightness setting.
- Provide dot pattern.

## (1) Horizontal and Vertical Static Convergence

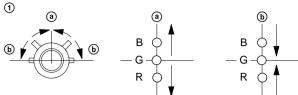


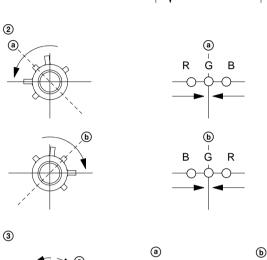
- (Moving vertically), adjust the V.STAT magnet so that the red, green and blue dots are on top of each other at the center of the screen.
- (Moving horizontally), adjust the H.STAT VR so that the red, green and blue dots are on top of each other at the center of the screen.



Operation of V.STAT magnet.

If the V.STAT magnet is moved in the direction of the ⓐ and ⓑ arrows, the red, green and blue dots move as shown below.





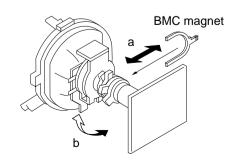


If the blue or red dot does not converge with the other two dots, perform following steps.

Move BMC magnet (a) to correct insufficient H.static convergence.

Rotate BMC magnet (b) to correct insufficient V.static convergence.

In either case, repeat Beam Landing Adjustment.

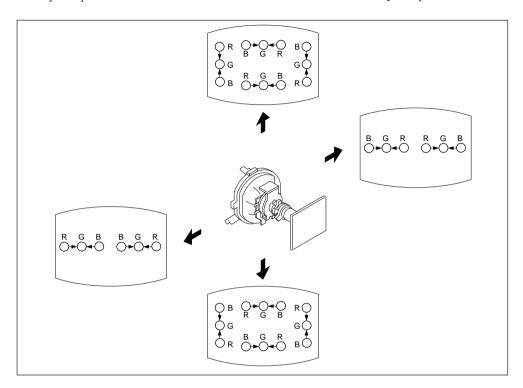


## (2) Dynamic Convergence Adjustment

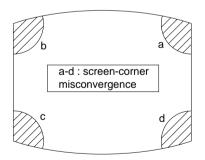
## **Preparation:**

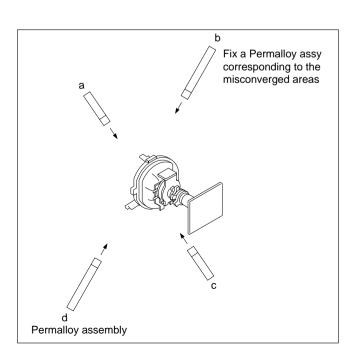
- Before starting this adjustment, adjust the horizontal static convergence and the vertical static convergence.
- 1. Slightly loosen the deflection yoke screws.
- 2. Remove the deflection yoke spacer.

- 3. Move the deflection yoke as shown in the figure below and optimize the convergence.
- 4. Tighten the deflection yoke screws.
- 5. Install the deflection yoke spacer.



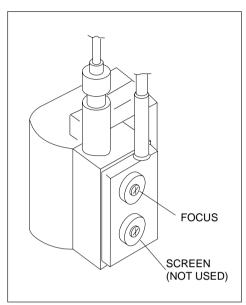
## (3) Screen-corner Convergence





## 3-3. FOCUS ADJUSTMENT

Adjust FOCUS control on the flyback transformer for the best focus.



Note: Screen VR is not use.

## a. AN ITEM OF ADJUSTMENT

Item number	Adjustment item	Initial DATA	Note
09	RDR	28	WHITE POINT R
0A	GDR	20	WHITE POINT G
0B	BDR	20	WHITE POINT B

# b. METHOD OF CANCELLATION FROM SERVICE MODE

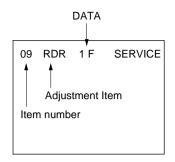
Set the standby condition (Press POWER button on the commander) and then press POWER button again, hereupon it becomes TV mode.

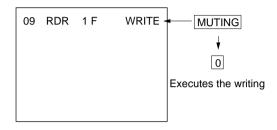
## c. METHOD OF WRITE FOR MEMORY

- 1) Set to Service Mode.
- 2) Press 1 (UP) and 4 (DOWN) to select an item of adjustments.
- 3) Press MUTING button and it will indicate WRITE on screen.
- 4) Press **0** button to write into memory.

## d. MEMORY WRITE CONFIRMATION METHOD

- 1) After adjustment, pull out the plug from AC outlet, and then plug into AC outlet again.
- 2) Turn the power switch ON and set to Service Mode.
- 3) Call the adjusted items again, confirm they were adjusted.

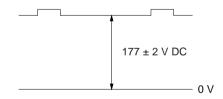




# 3-4. G2 (SCREEN) AND WHITE BALANCE ADJUSTMENTS

## 1. G2 (SCREEN) ADJUSTMENT (RV701)

- 1) Set the PICTURE and BRIGHTNESS to normal.
- 2) Put to VIDEO input mode without signals.
- 3) Connect R, G and B of the C board cathode to the oscilloscope.
- 4) Adjust G2 (RV701) volume to the value below.



## 2. WHITE BALANCE ADJUSTMENTS

- 1) Set to Service Mode.
- 2) Input an entire white signal.
- 3) Set the PICTURE to maximum.
- 4) Select RDR(09) with 1 and 4, and then set the level to 28 with 3 and 6.
- 5) Select GDR(0A) and BDR(0B) with 1 and 4 and adjust the level with 3 and 6 for the best white balance.
- 6) Write into the memory by pressing MUTING, then 0.

KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1 RM-883

# SECTION 4 SELF DIAGNOSIS FUNCTION

If no acknowledgement is returned from a device which is turned "ON", the device has a problem. In this case, one of the LED's responding to the problem device will flicker a defined number of times.

Flickering is operated by lighting the LED's for 60ss each time.

The flickering frequency responding to each failed device is shown below.

Device	NONVOLA- TILE MEMORY	_	Y/C JUNGLE	_	_	TONE CONTROL (IC 201)
Flickering Frequency	1	_	3	_	_	6

All the devices are checked one after another from the left of the table.

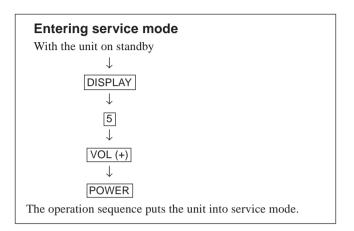
If an error is found, the responding LED will start flickering.

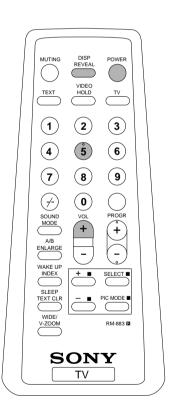
So, if more than 1 device have failed, only the one on the left side will flicker.

# SECTION 5 CIRCUIT ADJUSTMENTS

## 5-1. ADJUSTMENTS WITH COMMANDER

Service adjustments are made with the RM-883 that comes with this unit.

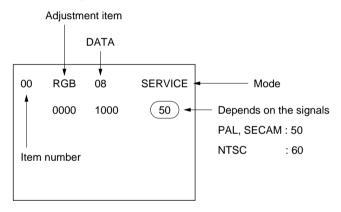


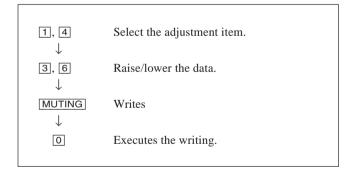


RM-883

1, 4 3, 6 MUTING	Raise/lower the service item number Raise/lower the data Writes Executes the writing
7,0	All data becomes the values in memory
8,0	All user control goes to the standard state
5, 0	Service data initialization (Be sure not to use usually.)
2, 0	Write 50Hz adjustment data to 60Hz, or viceversa.

The screen display is:



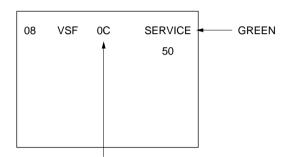


## 5-2. ADJUSTMENT METHOD

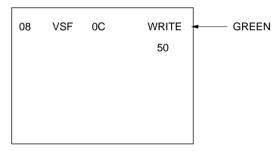
Item Number 08

This explanation uses V-SHIFT as an example.

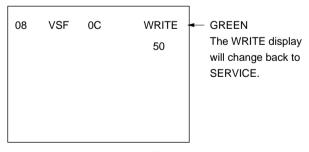
- 1. Select 08 V-SHIFT with the 1 and 4 buttons.
- 2. Raise/lower the data with the 3 and 6 buttons.
- 3. Select the optimum state. (The standard is 0F for PAL reception.)
- 4. Write with the MUTING button.
- 5. Execute the writing with the O button. (The WRITE display returns to green SERVICE.)



Ajust with the 3 and 6 buttons.



Written with the MUTING.



Write executed with 0 .

Use the same method for Items Number 00-4B. Use 1 and 4 to select the adjustment item, use 3 and 6 to adjust, write with MUTING, then execute the write with 0.

## Adjustment Item Table (For KV-J21MF1AK/J21MF3/J21PF1)

Item number	Adjustment Item	Data range	Initial data		Standard da	ata	Note	Device
00 01 02 03 04 05 06 07	HSF HSZ PAP CNP TLT VSL VAP SCR VSF	00-3F 00-3F 00-3F 00-3F 00-3F 00-3F 00-3F 00-3F	24 23 21 29 20 20 1D 20 20		50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz		H SHIFT H SIZE PIN AMPLITUDE CORNER PIN TILT V SLOPE V AMPLITUDE S CORRECTION V SHIFT	TDA8375 TDA8375 TDA8375 TDA8375 TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
09 0A 0B 0C	RDR GDR BDR FO	00–3F 00–3F 00–3F 00–03	28 20 20 20 00	TV: 00	VIDEO: 00		WHITE POINT R WHITE POINT G WHITE POINT B 01 Ø TIME CONSTANT	TDA8375 TDA8375 TDA8375 TDA8375
0D 0E 0F 10 11	AGC VSW FOR DL POC	00–3F 00–01 00–03 00–01 00–01	30 00 00 00 00	TV: 30 TV: 00	VIDEO: 30 VIDEO: 01			TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
12 13 14 15 16	VID HCO EVG SBL PRD	00-01 00-01 00-01 00-01 00-01	00 00 00 00 00		50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz		VIDEO IDENT MODE EHT TRACKING MODE ENABLE V GUARD SERVICE BLANKING OVER-VOLTAGE INPUT	TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
17 18 19 1A 1B	COR PMX PMI SBR SHU	00-01 00-3F 00-3F 00-7F 00-0F	00 2D 00 4B 07		TV/VIDEO/TE	XT — — -	NOISE CORING PEAK PICTURE MAX DATA PICTURE MIN DATA SUB-BRIGHTNESS SUB-HUE	TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
1C 1D 1E 1F 20	SSH SC1 SC2 AIP VZM	00-03 00-3F 00-3F 00-7F 00-3F	01 1F 0D 3F 19	TV: 01 50: 26 50: 0C		VIDEO: 02 60: 29 60: 0D	SUB-SHARPNESS SUB-COLOR LOWER SUB-COLOR HIGHER ADJUSTMENT IF-PLL VERTICAL ZOOM	TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
21 22	TXP MXP	00–0F 00–0F	09 0D				TEXT PICTURE CONT. TEXT MIX MODE PIC.	SAA5281 SAA5281
23 24 25 26 27 28 29 2A 2B 2C 2D 2E 2F 30 31 32 33	BKP ODL OFR OFM OSH MUT ABL DTV SCM ROC ROS DVM POM FBT OP0 OP1 OP2	00-3F 00-FF 00-0F 00-0F 00-01 00-01 00-01 00-07 00-01 00-01 00-FF 00-FF 00-FF	00 10 00 00 0A 01 01 00 01 07 03 00 00 40 06				BLK OFF PICTURE POWER ON DELAY STBY → ON RGB OUT MAIN POWER RGB OUT OSD POSITION H NO SYNC. MUTE BRIGHT ABL DISABLE TV SYSTEM KEY SECAM TRAP ACTIVE ROTATION CENTER ROTATION STEP WIDTH DISABLE VM PORT MUTE CM FOR FBT LAYER SHORT OPTION 0 OPTION 1 OPTION 2	р-СОN

## Adjustment Item Table (For KV-J21MN1AK)

Item number	Adjustment Item	Data range	Initial data	Standard data	Note	Device
00	HSF	00–3F	24		H SHIFT	TDA8375
01	HSZ	00–3F	23		H SIZE	TDA8375
02	PAP	00–3F	21		PIN AMPLITUDE	TDA8375
03	CNP	00–3F	29		CORNER PIN	TDA8375
04	TLT	00–3F	20		TILT	TDA8375
05	VSL	00–3F	20		V SLOPE	TDA8375
06	VAP	00–3F	1D		V AMPLITUDE	TDA8375
07	SCR	00–3F	20		S CORRECTION	TDA8375
80	VSF	00–3F	20		V SHIFT	TDA8375
09	RDR	00–3F	28		WHITE POINT R	TDA8375
0A	GDR	00–3F	20		WHITE POINT G	TDA8375
0B	BDR	00–3F	20		WHITE POINT B	TDA8375
0C	FO	00–03	00		ø TIME CONSTANT	TDA8375
0D	AGC	00–3F	30		AGC TAKE OVER	TDA8375
0E	VSW	00-01	00		VIDEO MUTE	TDA8375
0F	FOR	00–03	00		FORCED FIELD FREQ.	TDA8375
10	DL	00–01	00		INTERLACE	TDA8375
11	POC	00–01	00		SYNCHRO MODE FIX	TDA8375
12	VID	00–01	00		VIDEO IDENT MODE	TDA8375
13	HCO	00–01	00		EHT TRACKING MODE	TDA8375
14	EVG	00–01	00		ENABLE V GUARD	TDA8375
15	SBL	00–01	00		SERVICE BLANKING	TDA8375
16	PRD	00–01	00		OVER-VOLTAGE INPUT	TDA8375
17	COR	00–01	$-\frac{1}{00}$		NOISE CORING PEAK	TDA8375
18	PMX	00-3F	27		PICTURE MAX DATA	TDA8375
19	PMI	00-3F	05		PICTURE MIN DATA	TDA8375
1A	SBR	00-7F	4B		SUB-BRIGHTNESS	TDA8375
1B	SHU	00-0F	07		SUB-HUE	TDA8375
1C	SSH	00–03	01		SUB-SHARPNESS	TDA8375
1D	SC1	00-3F	1F		SUB-COLOR LOWER	TDA8375
1E	SC2	00–3F	0B		SUB-COLOR HIGHER	TDA8375
1F	AIP	00–7F	3F		ADJUSTMENT IF-PLL	TDA8375
20	VZM	00–3F	19		VERTICAL ZOOM	TDA8375
21	FAW	00-FF	08		NICAM FAW THRESH	MSP3410
22	CTM	00-FF	08		NICAM ERROR BIT (MONO)	MSP3410
23	CTN	00-FF	50		NICAM ERROR BIT (NICAM)	MSP3410
24	WCD	00-FF	0A		DATA CHANGE BEFORE W. G.	MSP3410
25	WST	00-FF	15		MONO → W. G. STEREO	
					DISCONNECTING POINT	MSP3410
26	WTM	00-FF	50		W.G CHANGE TIMER	MSP3410
27	WBT	00-FF	EA		W. B BILINGUAL	MODO
00	400	00 04	0.4		DISCONNECTING POINT	MSP3410
28	ACG	00-01	01		AGC AUTO/CONSTANT	MSP3410
29	CDB FGP	00–3F	28		AGC GAIN CONSTANT	MSP3410
2A 2B	FGP FMP	00–7F 00–7F	24 40		FM (B/G, I, D/K) PRESCALE FM (M) PRESCALE	MSP3410 MSP3410
2B 2C	WGP	00–7F	3C		W. G. PRESCALE	MSP3410 MSP3410
2D	NIP	00-7F	7F		NICAM PRESCALE	MSP3410
2E	CRM	00-71	00		CARRIER MUTE	MSP3410
2F	CML	00-03	00		CARRIER MUTE LEVEL	MSP3410
30	ACO	00-01	01		AUDIO CLOCK OUT	MSP3410
31	WAC	00-01	01		W. G. AGREEMENT COUNT	MSP3410
32	DLY	00-FF	30		STEREO SEARCH DELAY	MSP3410
33	DLG	00-FF	10		INTERVAL OF ID CHECK	MSP3410

Item number	Adjustment		Initial data	Standard data	Note	Device
	Item	range				
34	TXP	00-0F	09		TEXT PICTURE	SAA5281
35	MXP !	00-0F	0D		TEXT MIX MODE PICTURE	SAA5281
36	BKP	00-3F	00		BLK OFF PICTURE	μ-CON
37	HBL	00-3F	25		H BLK LEFT WIDTH	μ-CON
38	HBR	00-3F	20		H BLK RIGHT WIDTH	μ-CON
39	VBH	00-7F	00		H BLK HIGH WIDTH	μ-CON
3A	VBL	00-7F	FF		H BLK LOW WIDTH	μ-CON
3B	ODL	00-FF	10		POWER ON DELAY	μ-CON
3C	OFR	00-0F	00		STBY → ON RGB OUT	μ-CON
3D	OFM	00-0F	00		MAIN POWER RGB OUT	μ-CON
3E	OSH	00-3F	0A		OSD POSITION H	μ-CON
3F	DKS	00–01	01		D/K NICAM	μ-CON
40	MUT	00–01	01		NO SYNC. MUTE	μ-CON
41	DWZ	00–01	01		DIABLE WIDEZOOM	μ-CON
42	ABL	00–01	01		BRIGHT ABL	μ-CON
43	DTV	00–01	00		DISABLE TV SYSTEM KEY	μ-CON
44	SCM	00–01	00		SECAM TRAP ACTIVE	μ-CON
45	ROC	00-0F	07		ROTATION CENTER	μ-CON
46	ROS	00-07	03		ROTATION STEP WIDTH	μ-CON
47	DVM	00–01	00		DISABLE VM MUTE	μ-CON
48	FBT	00-01	00		C/M FOR FBT LAYER SHORT	μ-CON
49	OP0	00-FF	40		OPTION 0	μ-CON
4A	OP1	00-FF	07		OPTION 1	μ-CON
4B	OP2	00-FF	00		OPTION 2	μ-CON

## NOTE

• Standard Data: Those are the standard data values written on the microprocessor. Therefore, the data values of the modes are stored respectively in the memory.

In case of a device replacement, adjustment by rewriting the data value is necessary for some items.

- 50 ..... 50 Hz data
- 60 ..... 60 Hz data
- Standard data listed on the adjustment item table are reference values, therefore it is different for every model.

## **ITEM INFORMATION**

- 10. DL: TV/MIX Mode 0=Interlace 1=interlace, TEXT Mode 0=interlace 1=Interlace
- 29. ABL (For KV-J21MF1AK/J21MF3/J21PF1) 42. ABL (For KV-J21MN1AK): Bright ABL ON/OFF ON=1 OFF=0
- 31. OP0 32. OP1 33. OP2 (For KV-J21MF1AK/J21MF3/J21PF1)
- 49. OP0 4A. OP1 4B. OP2 (For KV-J21MN1AK)

Input data are different according to models.

AV INPUT :  $00 \rightarrow NO \text{ MODEL}$ ,  $01 \rightarrow MONO$ , CXA1315,  $10/11 \rightarrow STEREO$ , TDA8424

TV System : 00  $\rightarrow$  Multi model, 01  $\rightarrow$  B/G, 10  $\rightarrow$  D/K.I, 11  $\rightarrow$  B/G D/K

NTSC, SECAM, Chin

Shrp : Dynamic Mode @ 1  $\rightarrow$  Sharpness 50%, 0  $\rightarrow$  Sharpness 70%.

VM Operation :  $0 \rightarrow OFF$ ,  $1 \rightarrow ON$ 

## No. 31/49 OP0 \* Input data are different according to models

Item	_	AV Input		_	Remote	Auto	Arabic/	Reserved
					Preset	Program	Video	
KV-J21MF1AK	0	1	0	0	1	1	1	0
KV-J21MF3	0	1	0	0	1	1	1	0
KV-J21MN1AK	0	1	0	0	1	1	0	0
KV-J21PF1	0	0	0	0	1	1	1	0

## No. 32/4A OP1

Item	_	Tilt	_	TV Sy	stem	NTSC 3.58	SECAM	Chin
KV-J21MF1AK	0	0	0	0	0	1	1	0
KV-J21MF3	0	0	0	0	0	1	1	0
KV-J21MN1AK	0	0	0	0	0	1	1	1
KV-J21PF1	0	0	0	0	1	1	0	0

## No. 33/4B OP2

Item	_	-	Child Lock	Space Sound	High Dev.	100 Prg	4.3 Wide	S.Video
KV-J21MF1AK	0	0	1	0	0	1	1	0
KV-J21MF3	0	0	1	0	0	1	1	0
KV-J21MN1AK	0	0	1	0	0	1	1	0
KV-J21PF1	0	0	1	0	0	1	1	0

## 5-3. A BOARD ADJUSTMENT AFTER IC003 (MEMORY) REPLACEMENT

- 1. Enter to Service Mode.
- 2. Press commander buttons 5 and 0 (Data Initialize), and 2 and O (Data Copy) to initialize the data.
- 3. Call each item number, and check if the respective screen shows the normal picture.

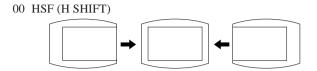
In case some items are not well-adjusted, give them fine adjustment.

Write the data per each item number ( $\boxed{\text{MUTING}} + \boxed{0}$ ).

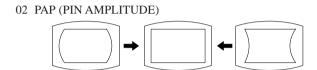
- 4. Select item numbers "31/49" (OP0), "32/4A" (OP1) and "33/ 4B" (OP2) and respectively set the bit per model with command buttons 3 and 6.
- 5. Press commander buttons 8 and 0 (Test Normal) to return to the data that was set on the shipment from the factory. (= Cancel Service Mode.)

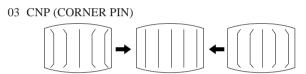
## 5-4. PICTURE DISTORTION ADJUSTMENT

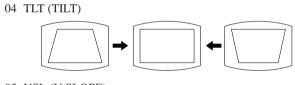
Item Number 00 – 08

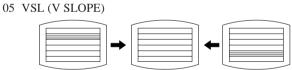


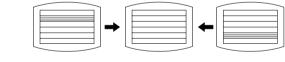


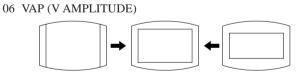


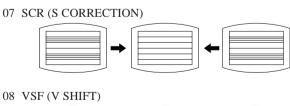


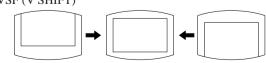












MEMO

## **SECTION 7 EXPLODED VIEW**

## KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1 RM-883

# KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1

## NOTE:

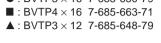
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

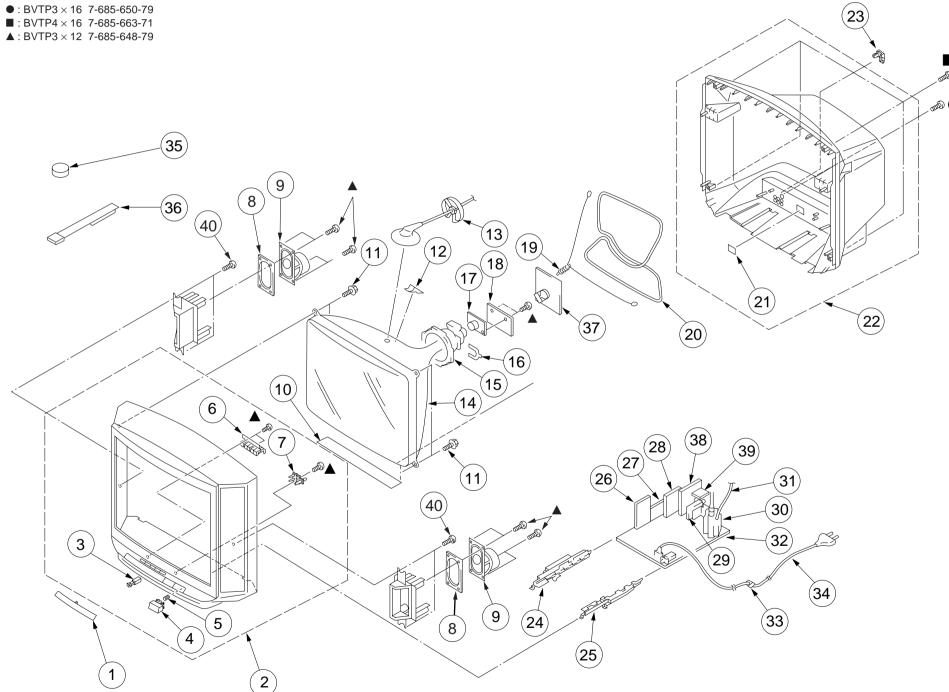
• Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark  $\triangle$  are critical for safety.

Replace only with part number specified.

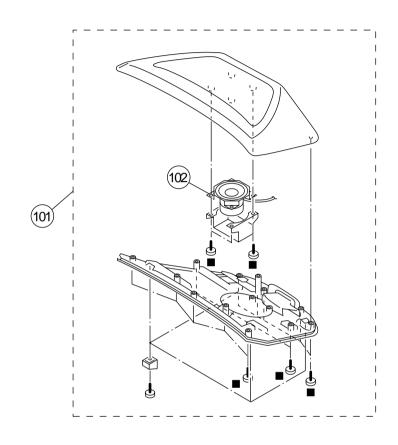
## 7-1. CHASSIS





1	4-060-121-51	DOOR, CONTROL (KV-J21MF1AK)
1	4-060-121-21	DOOR, CONTROL (KV-J21MF3)
	4-060-121-41	DOOR, CONTROL (KV-J21MN1AK)
	4-060-121-31	DOOR, CONTROL (KV-J21PF1)
2	X-4035-534-1	BEZNET ASSY (KV-J21MF1AK) 1,3-7
	X-4035-333-1	BEZNET ASSY (KV-J21MF3) 1,3-7
	X-4035-533-1	BEZNET ASSY (KV-J21MN1AK) 1,3-7
2	X-4035-505-2	BEZNET ASSY (KV-J21PF1) 1,3-7
3 4	4-047-464-01 4-060-123-11	CATCHER, PUSH BUTTON, POWER (EXCEPT FOR KV-J21PF1)
7	4-060-123-21	BUTTON, POWER (KV-J21PF1)
5	4-036-405-41	SPRING, COMPRESSION
6	4-060-122-11	BUTTON, MULTI (EXCEPT FOR KV-J21PF1)
_	4-060-122-21	BUTTON, MULTI (KV-J21PF1)
7	4-060-124-01	LIGHT, GUIDE
8 9	4-054-408-01 1-503-902-11	CUSHION, SPEAKER SPEAKER
10	4-054-468-01	SHEET, BLOTTING
10	4-034-400-01	SILLEI, BLOTTING
11	4-057-862-01	SCREW, TAPPING 5+CROWN WASHER
12	4-046-600-11	SPACER, DY
13	* 3-704-372-41	HOLDER, HV CABLE
14	△ 8-738-774-05	PICTURE TUBE (A51JUH71X)
15	8-451-280-33	DEFLECTION YOKE (Y21PXA2)
16	1 450 277 00	MACNET DAG
16 17	1-452-277-00 1-452-509-51	MAGNET, BMC NECK ASSY, CRT (NA308)
1/	1-432-309-31	(EXCEPT FOR KV-J21PF1)
18	* A-1342-422-A	VM BOARD, COMPLETE
10	11 13 12 122 11	(KV-J21MF1AK/J21MN1AK)
19	4-369-318-71	SPRING, TENSION
20	△ 1-409-942-11	COIL, DEMAGNETIZATION
21	4-049-416-11	BLIND, SHEET
22 21	⚠ X-4035-536-1 ⚠ X-4034-556-1	REAR COVER ASSY (KV-J21MF1AK/J21MN1AK) REAR COVER ASSY (KV-J21MF3/J21PF1) 21
23	4-049-130-21	CLAMP, CODE
24	* 4-060-125-01	GUIDE (L), PWB
25	* 4-060-126-01	GUIDE (R), PWB
26	* A-1294-197-A	A11 BOARD, COMPLETE
	* A 1202 714 A	(KV-J21MF1AK/J21MN1AK) A11 BOARD, COMPLETE (KV-J21MF3)
27	* A-1293-714-A * A-1294-182-A	A11 BOARD, COMPLETE (KV-J21MF3) A12 BOARD, COMPLETE
21	11 1274 102 11	(EXCEPT FOR KV-J21MF3)
	* A-1294-149-A	A12 BOARD, COMPLETE (KV-J21MF3)
28	A-1298-553-A	A3 BOARD, COMPLETE (KV-J21MN1AK ONLY)
29	△ 8-598-323-30	TUNER, VSS BT-AG401
• •		
30	△ 1-453-193-21	TRANSFORMER ASSY, FLYBACK (NX-1742//M3A)
31	▲ 1-900-700-05 * A-1298-554-A	LEAD ASSY, FOCUS A BOARD, COMPLETE (KV-J21MF1AK)
32	* A-1298-517-A	A BOARD, COMPLETE (KV-J21MF1AK) A BOARD, COMPLETE (KV-J21MF3)
	* A-1298-552-A	A BOARD, COMPLETE (KV-J21MN1AK)
	* A-1298-518-A	A BOARD, COMPLETE (KV-J21PF1)
33	△ 4-389-778-31	HOLDER, AC CORD
34	△ 1-574-062-61	CORD, POWER (WITH CONNECTOR) 2.5A/250V
35	1-452-032-00	MAGNET, DISC
36 37	X-4309-608-8 * A-1331-799-A	PERMALLOY ASSY, CONVERGENCE C BOARD, COMPLETE (EXCEPT FOR KV-J21MF3)
31	* A-1331-799-A * A-1331-697-A	C BOARD, COMPLETE (EXCEPT FOR KV-J21MF3) C BOARD, COMPLETE (KV-J21MF3)
38	* A-1380-580-A	K BOARD, COMPLETE
		(KV-J21MF1AK/J21MN1AK ONLY)
39	* A-1380-581-A	K1 BOARD, COMPLETE
		(KV-J21MF1AK/J21MN1AK ONLY)
. ~		achem and anter water to
40	4-302-404-03	SCREW (WASHER HEAD) (+P 4X16)

# **7-2. 3D Speaker (KV-J21MF1AK/J21MN1AK only)**■: BVTP4 × 16 7-685-663-71



REF.NO	. PART NO.	DESCRIPTION
101	A-1501-280-A	BOX ASSY, SPEAKER
102	1-505-892-11	SPEAKER (10CM)

REMARK

## KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1 RM-883

KV-J21MF1AK KV-J21MN1AK

# **SECTION 8 ELECTRICAL PARTS LIST**

NOTE:

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

- Items marked " \* " are not stocked since RESISTORS they are seldom required for routine serv- • All resistors are in ohms ice. Some delay should be anticipated when • F: nonflammable ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

## CAPACITORS

• MF:  $\mu$ F, PF:  $\mu\mu$ F

## COILS

• MMH : μH, UH : μH

REF.N	NO. PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
	* A-1298-554-A	A BOARD, COMI	PLETE (KV-J2	21MF1A	.K)	C061	1-125-800-51	ELECT	2.2MF	20%	63V
		******	*****			C072	1-126-935-11	ELECT	470MF	20%	16V
	* A-1298-552-A	A BOARD, COMI	PLETE (KV-J2	21MN1 <i>A</i>	AK)	C074	1-102-110-00	CERAMIC	220PF	10%	50V
		******	*****		,	C101	1-101-003-00	CERAMIC	0.0047MF		50V
						C102	1-136-165-00	FILM	0.1MF	5%	50V
	* 1-535-893-11	TERMINAL,FAST	TEN(POSITIV	E LOCE	ζ)						
	* 1-580-798-11	CONNECTOR PIL	N (DY) 6P			C105	1-125-806-51	ELECT	220MF	20%	16V
	* 3-691-950-11	SPACER, P.C.BOA	ARD			C106	1-125-797-51	ELECT	10MF	20%	50V
	4-382-854-11	SCREW (M3X10)	, P, SW (+)			C108	1-125-807-51	ELECT	1000MF	20%	16V
						C109	1-102-125-00	CERAMIC	0.0047MF	10%	50V
						C111	1-102-074-00	CERAMIC	0.001MF	10%	50V
		<capacitor></capacitor>									
						C114	1-102-973-00	CERAMIC	100PF	5%	50V
C001	1-102-119-00	CERAMIC	0.0015MF	10%	50V	C115	1-102-947-00	CERAMIC	10PF	0.5PF	50V
C002	1-126-965-11	ELECT	22MF	20%	50V	C116	1-136-165-00	FILM	0.1MF	5%	50V
C003	1-102-973-00	CERAMIC	100PF	5%	50V	C117	1-102-973-00	CERAMIC	100PF	5%	50V
C004	1-125-800-51	ELECT	2.2MF	20%	63V	C118	1-126-965-11	ELECT	22MF	20%	50V
C007	1-125-798-51	ELECT	0.47MF	20%	63V						
						C119	1-136-153-00	FILM	0.01MF	5%	50V
C009	1-102-824-00	CERAMIC	470PF	5%	50V	C120	1-130-493-00	MYLAR	0.068MF	5%	50V
C010	1-136-157-00	FILM	0.022MF	5%	50V	C121	1-130-493-00	MYLAR	0.068MF	5%	50V
C011	1-125-794-51	ELECT	47MF	20%	16V	C122	1-125-804-51	ELECT	100MF	20%	16V
C012	1-102-973-00	CERAMIC	100PF	5%	50V	C124	1-136-165-00	FILM	0.1MF	5%	50V
C015	1-101-884-00	CERAMIC	56PF	5%	50V						
						C125	1-136-165-00	FILM	0.1MF	5%	50V
C016	1-101-884-00	CERAMIC	56PF	5%	50V	C233	1-125-794-51	ELECT	47MF	20%	16V
C017	1-102-973-00	CERAMIC	100PF	5%	50V	C234	1-125-794-51	ELECT	47MF	20%	16V
C018	1-102-973-00	CERAMIC	100PF	5%	50V	C235	1-125-804-51	ELECT	100MF	20%	16V
C021	1-102-074-00	CERAMIC	0.001MF	10%	50V	C236	1-126-948-11	ELECT	100MF	20%	35V
C022	1-102-074-00	CERAMIC	0.001MF	10%	50V						
						C237	1-125-804-51	ELECT	100MF	20%	16V
C023	1-102-074-00	CERAMIC	0.001MF	10%	50V	C238	1-137-188-51	FILM	0.15MF	5%	50V
C024	1-102-074-00	CERAMIC	0.001MF	10%	50V	C239	1-125-804-51	ELECT	100MF	20%	16V
C025	1-102-074-00	CERAMIC	0.001MF	10%	50V	C240	1-137-188-51	FILM	0.15MF	5%	50V
C026	1-102-074-00	CERAMIC	0.001MF	10%	50V	C241	1-125-813-51	ELECT	1000MF	20%	25V
C027	1-102-074-00	CERAMIC	0.001MF	10%	50V						
						C242	1-136-153-00	FILM	0.01MF	5%	50V
C034	1-136-165-00	FILM	0.1MF	5%	50V	C243	1-125-797-51	ELECT	10MF	20%	50V
C042	1-102-973-00	CERAMIC	100PF	5%	50V	C244	1-125-813-51	ELECT	1000MF	20%	25V
C044	1-102-973-00	CERAMIC	100PF	5%	50V	C246	1-128-551-11	ELECT	22MF	20%	25V
C046	1-102-973-00	CERAMIC	100PF	5%	50V	C247	1-125-813-51	ELECT	1000MF	20%	25V
C048	1-136-165-00	FILM	0.1MF	5%	50V						
						C253	1-125-804-51	ELECT	100MF	20%	16V
C049	1-136-165-00	FILM	0.1MF	5%	50V	C254	1-130-480-00	MYLAR	0.0056MF	5%	50V
C050	1-126-960-11	ELECT	1MF	20%	50V	C255	1-130-480-00	MYLAR	0.0056MF	5%	50V
C052	1-136-165-00	FILM	0.1MF	5%	50V	C257	1-136-175-00	FILM	0.68MF	5%	50V
C053	1-102-074-00	CERAMIC	0.001MF	10%	50V	C258	1-136-175-00	FILM	0.68MF	5%	50V
C055	1-126-935-11	ELECT	470MF	20%	16V						
						C300	1-125-794-51	ELECT	47MF	20%	16V
C056	1-102-074-00	CERAMIC	0.001MF	10%	50V	C304	1-136-165-00	FILM	0.1MF	5%	50V
C057	1-102-852-91	CERAMIC	47PF	5%	50V	C305	1-136-165-00	FILM	0.1MF	5%	50V
C058	1-102-973-00	CERAMIC	100PF	5%	50V	C306	1-136-165-00	FILM	0.1MF	5%	50V
C059	1-102-973-00	CERAMIC	100PF	5%	50V	C307	1-136-165-00	FILM	0.1MF	5%	50V
C060	1-102-074-00	CERAMIC	0.001MF	10%	50V						
						C308	1-136-165-00	FILM	0.1MF	5%	50V
						C309	1-136-165-00	FILM	0.1MF	5%	50V

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

											,
REF. N	O. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	_										
C310	1-136-165-00	FILM	0.1MF	5%	50V	C501	1-102-228-00	CERAMIC	470PF	10%	500V
C311	1-102-951-00	CERAMIC	15PF	5%	50V	C523	1-126-933-11	ELECT	100MF	20%	16V
C312	1-102-951-00	CERAMIC	15PF	5%	50V	C548	1-106-220-00	MYLAR	0.1MF	10%	100V
C313	1-125-804-51	ELECT	100MF	20%	16V	C551	1-126-948-11	ELECT	100MF	20%	35V
C314	1-102-121-00	CERAMIC	0.0022MF	10%	50V	C552	1-126-948-11	ELECT	100MF	20%	35V
C315	1-126-960-11	ELECT	1MF	20%	50V	C553	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C316	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C554	1-102-244-00	CERAMIC	220PF	10%	500V
C319	1-136-165-00	FILM	0.1MF	5%	50V	C555	1-101-804-00	CERAMIC	10PF	5%	500V
C320	1-136-165-00	FILM	0.1MF	5%	50V	C562	1-126-933-11	ELECT	100MF	20%	16V
C321	1-136-165-00	FILM	0.1MF	5%	50V	C602	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C323	1-101-880-00	CERAMIC	47PF	5%	50V	C603	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C324	1-125-800-51	ELECT	2.2MF	20%	63V	C604	1-117-752-11	ELECT(BLOCK)	330MF	20%	450V
C325	1-102-947-00	CERAMIC	10PF	0.5PF	50V	C605	1-161-830-00	CERAMIC	0.0047MF	99%	500V
0323	1 102 ) 17 00	CLIUINIC	1011	0.511	301	0005	1 101 050 00	CERTIFIE	0.00171111	<i>)</i>	300 V
C326	1-102-949-00	CERAMIC	12PF	5%	50V	C606	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C327	1-102-947-00	CERAMIC	10PF	0.5PF		C607	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C328	1-136-153-00	FILM	0.01MF	5%	50V	C608	1-104-332-11	CERAMIC	470PF	10%	2KV
C329	1-130-478-00	MYLAR	0.0039MF	5%	50V	C609	1-104-332-11	ELECT	100MF	20%	160V
C329		FILM	0.0039WIF	5%	50V	C610		ELECT	2200MF	20%	25V
C330	1-136-165-00	FILM	U. HVIF	3%	30 V	C010	1-126-943-11	ELECI	2200IVIF	20%	23 V
C331	1-125-797-51	ELECT	10MF	20%	50V	C611 △	1-164-497-51	CERAMIC	470PF	10%	400V
C332	1-125-797-31	FILM	0.1MF	20% 5%	50V 50V	C611 ZE	1-104-497-31	CERAMIC	470PF 470PF	10%	500V
C333	1-136-165-00	FILM	0.1MF	5%	50V	C613	1-102-824-00	CERAMIC	470PF	5%	50V
C334	1-102-123-00	CERAMIC	0.0033MF	10%	50V	C614	1-126-943-11	ELECT	2200MF	20%	25V
C335	1-102-973-00	CERAMIC	100PF	5%	50V	C616	1-102-228-00	CERAMIC	470PF	10%	500V
COOC	1 105 505 51	DI DOM	103.45	200/	5017	0610	1 100 111 00	CED 11 HC	450DE	100/	5017
C336	1-125-797-51	ELECT	10MF	20%	50V	C618	1-102-114-00	CERAMIC	470PF	10%	50V
C337	1-125-804-51	ELECT	100MF	20%	16V	C619	1-162-116-00	CERAMIC	680PF	10%	2KV
C339	1-101-361-00	CERAMIC	150PF	5%	50V		1-104-705-51	FILM	0.1MF	20%	250V
C340	1-102-074-00	CERAMIC	0.001MF	10%	50V	C622	1-107-368-11	MYLAR	0.047MF	99%	200V
C341	1-102-973-00	CERAMIC	100PF	5%	50V	C623	1-126-934-11	ELECT	220MF	20%	16V
C342	1-136-165-00	FILM	0.1MF	5%	50V	C624	1-126-767-11	ELECT	1000MF	20%	16V
C344	1-125-797-51	ELECT	10MF	20%	50V	C625	1-102-074-00	CERAMIC	0.001MF	10%	50V
C349	1-125-797-51	ELECT	10MF	20%	50V	C627	1-162-116-00	CERAMIC	680PF	10%	2KV
C350	1-125-794-51	ELECT	47MF	20%	16V	C628	1-102-824-00	CERAMIC	470PF	5%	50V
C351	1-136-165-00	FILM	0.1MF	5%	50V	C630 △	1-164-497-51	CERAMIC	470PF	10%	400V
C352	1-136-169-00	FILM	0.22MF	5%	50V	C631	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C358	1-136-165-00	FILM	0.1MF	5%	50V	C632 🗥	1-164-497-51	CERAMIC	470PF	10%	400V
C359	1-125-804-51	ELECT	100MF	20%	16V	C633	1-161-754-00	CERAMIC	0.001MF	10%	3KV
C361	1-102-074-00	CERAMIC	0.001MF	10%	50V	C634	1-102-114-00	CERAMIC	470PF	10%	50V
C362	1-162-211-31	CERAMIC	33PF	5%	50V	C801	1-123-024-21	ELECT	33MF		160V
C367	1-136-165-00	FILM	0.1MF	5%	50V	C802	1-107-364-11	MYLAR	0.01MF	10%	200V
C368	1-136-165-00	FILM	0.1MF	5%	50V	C804	1-102-074-00	CERAMIC	0.001MF	10%	50V
C369	1-136-165-00	FILM	0.1MF	5%	50V	C805	1-102-244-00	CERAMIC	220PF	10%	500V
C370	1-136-165-00	FILM	0.1MF	5%	50V	C806	1-126-960-11	ELECT	1MF	20%	50V
C374	1-126-967-11	ELECT	47MF	20%	50V	C807	1-136-569-11	FILM	1.2MF	5%	200V
C375	1-126-967-11	ELECT	47MF	20%	50V	C808	1-129-746-00	FILM	0.039MF	5%	400V
C401	1-101-004-00	CERAMIC	0.01MF		50V	C809	1-162-115-00	CERAMIC	330PF	10%	2KV
		(KV-J21MN1AK)				C810	1-106-365-00	MYLAR	0.0082MF	99%	200V
C402	1-136-153-00	FILM	0.01MF	5%	50V	C811	1-162-318-11	CERAMIC	0.001MF	10%	500V
C403	1-126-968-11	ELECT	100MF	20%	50V	C812	1-136-081-00	FILM	0.012MF	3%	2KV
C404	1-101-004-00	CERAMIC	0.01MF	2070	50V	0012	1 100 001 00	112111	0.01211	270	211 1
2.01	- 101 001 00	(KV-J21MN1AK)				C816	1-107-636-11	ELECT	10MF	20%	160V
		(22. 02111111111)				C820	1-161-754-00	CERAMIC	0.001MF	10%	2KV
C405	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C820	1-101-754-00	MYLAR	0.001WII	10%	200V
C405	1-102-125-00	CERAMIC	0.0047MF	10%	50V 50V	C821	1-104-999-11	FILM	1MF	5%	200V 200V
C400	1-102-125-00	CERAMIC	0.0047MF	10%	50V 50V	C822	1-136-111-00	FILM	0.01MF	5%	50V
C407	1-102-125-00	CERAMIC	0.0047MF 0.0047MF	10%	50V 50V	C023	1-130-133-00	1.117161	O.OHWIF	J 70	30 V
C408 C410	1-102-123-00	CERAMIC	0.0047MF 27PF	10% 5%	50V 50V	C825	1-107-364-11	MYLAR	0.01MF	10%	200V
C410	1-102-901-00	CERAMIC	21FF	J70	30 V						
C422	1 100 000 00	CEDAMIC	220DE	50/	501/	C850	1-126-941-11	ELECT	470MF	20%	25V
C423	1-102-820-00	CERAMIC	330PF	5%	50V	C852	1-104-574-11	CERAMIC	0.0047MF	10%	2KV
C425	1-101-004-00	CERAMIC	0.01MF		50V	C853	1-162-318-11	CERAMIC	0.001MF	10%	500V
		(KV-J21MN1AK)				C854	1-126-941-11	ELECT	470MF	20%	25V

## KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1

RM-883

	(1	17 02 11011	TIAIL/							
REF.	NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C85	66	1-162-318-11	CERAMIC	0.001MF	10%	500V			<composition block="" circuit=""></composition>	
C85		1-136-159-00	FILM	0.033MF	5%	50V			COM OBITION ORCCIT BEOCK	
C86		1-102-228-00	CERAMIC	470PF	10%	500V	CP001	1-233-747-11	CIRCUIT BLOCK, COMPOSITION	
C86	51	1-107-654-11	ELECT	33MF	20%	250V	CP002	1-233-749-11	CIRCUIT BLOCK, COMPOSITION	
C87	15	1-128-562-11	ELECT	47MF	20%	100V	CP003	1-233-748-11	CIRCUIT BLOCK, COMPOSITION	
							CP004	1-233-750-11	CIRCUIT BLOCK, COMPOSITION	
C87		1-107-369-11	MYLAR	0.068MF	10%	100V	CP005	1-233-749-11	CIRCUIT BLOCK, COMPOSITION	
C89		1-102-116-00	CERAMIC	680PF	10%	50V				
C89		1-137-150-11	MYLAR	0.01MF	10%	100V			TD 0 (TD	
C90		1-102-824-00	CERAMIC	470PF	5%	50V			<trimmer></trimmer>	
C90	12	1-102-824-00	CERAMIC	470PF	5%	50V	CT55	1 404 901 11	TDAD CEDAMIC	
C12	001	1-125-804-51	ELECT	100MF	20%	16V	C133	1-404-801-11	TRAP, CERAMIC	
C12		1-136-165-00	FILM	0.1MF	5%	50V				
C12		1-136-165-00	FILM	0.1MF	5%	50V			<diode></diode>	
C12		1-125-804-51	ELECT	100MF	20%	16V			51025	
C12		1-136-165-00	FILM	0.1MF	5%	50V	D001	8-719-109-81	DIODE RD4.7ESB2	
							D002	8-719-911-19	DIODE 1SS119-25	
C12	206	1-136-165-00	FILM	0.1MF	5%	50V	D003	8-719-911-19	DIODE 1SS119-25	
C12	210	1-125-804-51	ELECT	100MF	20%	16V	D005	8-719-109-84	DIODE RD5.1ESB1	
C12	213	1-126-960-11	ELECT	1MF	20%	50V	D008	8-719-109-89	DIODE RD5.6ESB2	
C12	214	1-125-797-51	ELECT	10MF	20%	50V				
C12	215	1-102-976-00	CERAMIC	180PF	5%	50V	D103	8-719-016-42	DIODE MC932	
							D251	8-719-911-19	DIODE 1SS119-25	
C12		1-136-173-00	FILM	0.47MF	5%	50V	D252	8-719-016-42	DIODE MC932	
C12		1-125-804-51	ELECT	100MF	20%	16V	D301	8-719-911-19	DIODE 1SS119-25	
C12		1-102-976-00	CERAMIC	180PF	5%	50V	D305	8-719-911-19	DIODE 1SS119-25	
C12		1-136-173-00	FILM	0.47MF	5%	50V	D206	0.710.011.10	DIODE 100110 25	
C12	226	1-125-806-51	ELECT	220MF	20%	16V	D306	8-719-911-19	DIODE 188119-25	
C12	20	1 126 165 00	FILM	0.1ME	50/	50W	D307 D308	8-719-911-19 8-719-109-54	DIODE 1SS119-25 DIODE RD2.2ESB2	
C12	.30	1-136-165-00	(KV-J21MF1AK)	0.1MF	5%	50V	D308 D310	8-719-109-34	DIODE ISS119-25	
C12	50	1-102-124-00	CERAMIC	0.0039MF	10%	50V	D310 D311	8-719-109-54	DIODE RD2.2ESB2	
C12		1-102-124-00	CERAMIC	0.0039MF	10%	50V	D311	0-717-107-34	DIODE RD2.2E3D2	
C15		1-126-968-11	ELECT	100MF	20%	50V	D312	8-719-110-08	DIODE RD8.2ESB2	
							D315	8-719-121-24	DIODE RD9.1ESL	
							D351	8-719-908-03	DIODE GP08D	
			<connector></connector>				D399	8-719-121-24	DIODE RD9.1ESL	
							D401	8-719-911-19	DIODE 1SS119-25	
		1-560-124-00	PLUG, CONNECT	` /	4P					
		1-564-509-11	PLUG, CONNECT				D403	8-719-911-19	DIODE 1SS119-25	
		1-564-505-11	PLUG, CONNECT				D513	8-719-109-84	DIODE RD5.1ESB1	
		1-564-507-11 1-580-843-11	PLUG, CONNECTO				D551	8-719-908-03	DIODE GP08D DIODE 1SS119-25	
CIN	001 "	1-380-843-11	PIN, CONNECTO	R (POWER)			D561 D591	8-719-911-19		
CN	602 *	1-508-786-00	PIN, CONNECTO	R (5MM PITC	'H) 2P		D391	8-719-911-19	DIODE 1SS119-25	
		1-508-786-00	PIN, CONNECTOR	*	,		D601	8-719-510-53	DIODE D4SB60L	
CN		1-695-915-11	TAB (CONTACT)	(0.71171 1110	/		D604	8-719-301-64	DIODE RU4DS	
CN		1-695-915-11	TAB (CONTACT)				D605	8-719-067-18	DIODE RN4Z	
CN		1-695-915-11	TAB (CONTACT)				D606	8-719-510-73	DIODE S3L20UF4	
			. ,				D607	8-719-510-26	DIODE D1NL20-TA	
CN	607	1-695-915-11	TAB (CONTACT)							
CN		1-564-506-11	PLUG, CONNECT	OR 3P			D609	8-719-510-26	DIODE D1NL20-TA	
CN	609 *	1-564-506-11	PLUG, CONNECT	OR 3P			D610	8-719-510-26	DIODE D1NL20-TA	
CN		1-695-915-11	TAB (CONTACT)				D611	8-719-510-26	DIODE D1NL20-TA	
CN	613	1-695-915-11	TAB (CONTACT)				D801	8-719-945-80	DIODE ERC06-15S	
CNI	c1.1	1 (05 015 11	TAD (CONTACT)				D802	8-719-900-26	DIODE ERD29-08J	
CN		1-695-915-11	TAB (CONTACT)				D051	9 710 202 42	DIODE EL 17	
CN		1-695-915-11	TAB (CONTACT)	D (5MM DITC	TLI) AD		D851	8-719-302-43	DIODE PCD02 17EL 6422	
CIN	0.01	1-508-766-00	PIN, CONNECTO	K (JIVIIVI PII)	.11) 4P		D852 D853	8-719-028-72 8-719-302-43	DIODE RGP02-17EL-6433 DIODE EL1Z	
							D855	8-719-302-43	DIODE EL1Z	
			<filter></filter>				D857	8-719-908-03	DIODE GP08D	
								, , , , , , , , , , , , , , , ,		
CF5	55	1-567-099-00	FILTER, CERAMI	C (KV-J21MI	F1AK)		D858	8-719-908-03	DIODE GP08D	
							D860	8-719-911-19	DIODE 1SS119-25	
							D901	8-719-054-60	DIODE LNK0220022G	
							D1201	8-719-121-24	DIODE RD9.1ESL	
							D1202	8-719-121-24	DIODE RD9.1ESL	

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
D1203 D1207 D1208	8-719-121-24 8-719-121-24 8-719-121-24	DIODE RD9.1ESL DIODE RD9.1ESL DIODE RD9.1ESL		L101 L301	1-410-470-11 1-408-598-31	INDUCTOR INDUCTOR	10UH 3.9UH
D1504	8-719-911-19	DIODE 1SS119-25		L401	1-410-498-11	INDUCTOR	1.2UH
D1505	8-719-109-81	DIODE RD4.7ESB2		L402	1-410-510-11	INDUCTOR	12UH
				L406	1-410-507-11	INDUCTOR	6.8UH
		<fuse></fuse>		L410 L802	1-410-501-51	INDUCTOR	2.2UH
		<puse></puse>		L002	1-412-527-11	INDUCTOR	15UH
F601 △	1-532-237-11	FUSE, TIME-LAG (I	BET) 3.15A/250V	L804	1-459-075-00	INDUCTOR	0UH
		,	,	L805	1-459-769-13	COIL, HORIZONT	TAL LINEARITY
				L807	1-459-390-00	INDUCTOR	0UH
		<ferrite bead=""></ferrite>		L808	1-412-553-11	INDUCTOR	3.3MMH
FB101	1-410-397-21	FERRITE	1.1UH	L821	1-459-111-00	INDUCTOR	0UH
FB102	1-410-397-21		1.1UH	L850	1-408-947-00	INDUCTOR	2.2MMH
FB251			1.1UH				
FB601	1-410-397-21	FERRITE	I.1UH				
FB603	1-410-397-21	FERRITE	1.1UH			<transistor></transistor>	
FB610	1-410-396-41	FERRITE (	).45UH	Q030	8-729-119-78	TRANSISTOR 2SO	C2785 HEE
FB612	1-410-397-21		1.1UH	Q030 Q108	8-729-119-78	TRANSISTOR 2SO	
FB801	1-410-397-21		1.1UH	Q109	8-729-119-78	TRANSISTOR 2SO	
				Q110	8-729-119-78	TRANSISTOR 2SO	
				Q202	8-729-119-76	TRANSISTOR 2SA	A1175-HFE
		<fuse clip=""></fuse>		0207	9 720 110 76	TRANSISTOR 2SA	A 1175 LIEE
FH01	1-533-223-11	CLIP, FUSE		Q207 Q208	8-729-119-76 8-729-030-02	TRANSISTOR 257	
FH02	1-533-223-11	CLIP, FUSE		Q209	8-729-029-92	TRANSISTOR DT	
				Q210	8-729-029-92	TRANSISTOR DT	C143ESA
				Q301	8-729-029-66	TRANSISTOR DT	C114ESA
		<ic></ic>		0202	0 720 110 70	TD A NEIGTOD 200	22705 HEE
IC001	8-752-889-58	IC CXP85220A-0558	(KV-I21MF1AK)	Q302 Q303	8-729-119-78 8-729-119-78	TRANSISTOR 2SO TRANSISTOR 2SO	
IC001	8-752-893-68	IC CXP85224A-0628		Q401	8-729-119-78		C2785-HFE (KV-J21MN1AK)
IC002	8-759-805-37	IC L78LR05D-MA	,	Q402	8-729-922-66	TRANSISTOR 2SO	
IC003	8-759-370-34	IC ST24C08FB6		Q403	8-729-029-92	TRANSISTOR DT	C143ESA
IC004	8-742-041-12	HYB IC SBX1981-1	1(12)	Q404	8-729-029-92	TRANSISTOR DT	C142ES A
IC102	8-759-157-40	IC UPC574J		Q404 Q406	8-729-029-92	TRANSISTOR DT	
IC203	8-759-336-30	IC TA8223K		Q408	8-729-119-78	TRANSISTOR 2SO	
IC300	8-759-365-26	IC TDA8375A		Q409	8-729-119-76	TRANSISTOR 2SA	A1175-HFE
IC351	8-759-288-85	IC TDA4665T-T		Q414	8-729-119-78	TRANSISTOR 2SO	C2785-HFE
IC354	8-759-251-56	IC TDA8395T		0417	9 720 020 02	TRANSISTOR DT	VC142ES A
IC521	8-759-195-63	IC PQ09RE11		Q417 Q561	8-729-029-92 8-729-200-17	TRANSISTOR DI	
IC551	8-759-801-98	IC LA7830		Q801	8-729-140-50	TRANSISTOR 2SO	
IC601	8-749-014-00	IC STR-S6707N		Q802	8-729-821-87	TRANSISTOR 2SI	
IC602	8-749-921-89	IC SE115N	2012272	Q821	8-729-209-15	TRANSISTOR 2SI	D2012
IC603 △	8-749-010-64	PHOTO COUPLER I	PC123F2	0002	9 720 020 02	TD A NEIGTOD DT	C144EC A
IC801	8-759-145-58	IC UPC4558C		Q902 Q903	8-729-030-02 8-729-030-02	TRANSISTOR DT TRANSISTOR DT	
IC1203	8-759-701-75	IC NJM7805FA		Q1201	8-729-119-78	TRANSISTOR 250	
IC1210	8-759-145-58	IC UPC4558C		Q1202	8-729-119-78	TRANSISTOR 2SO	
				Q1203	8-729-119-78	TRANSISTOR 2SO	C2785-HFE
		JACE		01204	9 730 110 76	TD ANGICTOD AC	A 1175 LIEE
		<jack></jack>		Q1204 Q1207	8-729-119-76 8-729-119-78	TRANSISTOR 2SA TRANSISTOR 2SA	
J251	1-770-786-11	JACK		Q1208	8-729-119-78	TRANSISTOR 2SO	
J1201	1-770-661-11	JACK BLOCK, PIN	5P	Q1209	8-729-119-78	TRANSISTOR 2SO	C2785-HFE (KV-J21MF1AK)
J1202	1-695-585-11	JACK BLOCK, PIN (	L TYPE) 3P	Q1264	8-729-029-92	TRANSISTOR DT	C143ESA (KV-J21MN1AK)
				Q1265	8-729-029-92	TRANSISTOD DT	C143ESA (KV-J21MN1AK)
		<coil></coil>		Q1265 Q1513	8-729-029-92 8-729-119-78	TRANSISTOR DT	
					, .0		
L001	1-408-397-00		IUH				
L002	1-410-509-51		10UH				
L003	1-408-605-31	INDUCTOR	15UH				

## KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1

RM-883

REF. NO.	PART NO.	DESCRIPTION			REMA	.RK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<resistor></resistor>					R180	1-249-409-11	CARBON	220	5%	1/4W
		1125151010					R181	1-249-409-11	CARBON	220	5%	1/4W
R007	1-247-855-31	CARBON	10K	5%	1/4W		R182	1-249-409-11	CARBON	220	5%	1/4W
R008	1-220-958-81	METAL	1K	5%	1/2W		R241	1-249-411-11	CARBON	330	5%	1/4W
R009	1-220-958-81	METAL	1K	5%	1/2W		R242	1-249-411-11	CARBON	330	5%	1/4W
R010	1-220-958-81	METAL	1K	5%	1/2W		10212	1217 111 11	Critibort	330	570	1/ 1 1 1
R012	1-249-401-11	CARBON	47	5%	1/4W		R243	1-247-855-31	CARBON	10K	5%	1/4W
K012	1-247-401-11	CARDON	47	370	1/7 **		R244	1-247-855-31	CARBON	10K	5%	1/4W
D012	1-220-958-81	METAL	1K	5%	1/2W		R245	1-249-426-11	CARBON	5.6K	5%	1/4W
R013												
R014	1-220-958-81	METAL	1K	5%	1/2W		R246	1-249-426-11	CARBON	5.6K	5%	1/4W
R015	1-247-825-31	CARBON	560	5%	1/4W		R247	1-220-959-81	METAL	1.5K	5%	1/2W
R016	1-220-958-81	METAL	1K	5%	1/2W		D240	4 220 070 04	) (TITL )		<b>=</b> 0.	4 (0777
R017	1-220-961-81	METAL	2.2K	5%	1/2W		R248	1-220-959-81	METAL	1.5K	5%	1/2W
							R249	1-220-958-81	METAL	1K	5%	1/2W
R018	1-249-409-11	CARBON	220	5%	1/4W		R250	1-220-958-81	METAL	1K	5%	1/2W
R019	1-247-883-00	CARBON	150K	5%	1/4W		R252	1-249-411-11	CARBON	330	5%	1/4W
R021	1-247-847-31	CARBON	4.7K	5%	1/4W		R253	1-247-855-31	CARBON	10K	5%	1/4W
R025	1-220-961-81	METAL	2.2K	5%	1/2W							
R026	1-220-961-81	METAL	2.2K	5%	1/2W		R254	1-249-389-11	CARBON	4.7	5%	1/4W
							R255	1-249-389-11	CARBON	4.7	5%	1/4W
R027	1-247-847-31	CARBON	4.7K	5%	1/4W		R256	1-249-411-11	CARBON	330	5%	1/4W
R028	1-247-807-31	CARBON	100	5%	1/4W		R264	1-220-963-81	METAL	3.3K	5%	1/2W
R029	1-247-847-31	CARBON	4.7K	5%	1/4W		R265	1-220-963-81	METAL	3.3K	5%	1/2W
R031	1-220-958-81	METAL	1K	5%	1/2W							
R032	1-220-961-81	METAL	2.2K	5%	1/2W		R266	1-249-437-11	CARBON	47K	5%	1/4W
11002	1 220 701 01	(KV-J21MN1AK)	2.211	270	1,2		R303	1-247-807-31	CARBON	100	5%	1/4W
		(11 / 321/11 (17111)					R304	1-247-807-31	CARBON	100	5%	1/4W
R033	1-220-958-81	METAL	1K	5%	1/2W		R305	1-247-807-31	CARBON	100	5%	1/4W
R035	1-220-958-81	METAL	1K	5%	1/2W		R306	1-247-807-31	CARBON	100	5%	1/4W
R035	1-220-958-81	METAL	1K	5%	1/2W		K300	1-247-007-31	CARDON	100	370	1/4 VV
							D207	1 247 907 21	CARRON	100	50/	1 / 4337
R038	1-249-409-11	CARBON	220	5%	1/4W		R307	1-247-807-31	CARBON	100	5%	1/4W
R040	1-249-409-11	CARBON	220	5%	1/4W		R308	1-249-409-11	CARBON	220	5%	1/4W
2011		GIRRON	100		4 / 4***		R309	1-249-409-11	CARBON	220	5%	1/4W
R041	1-247-807-31	CARBON	100	5%	1/4W		R310	1-249-441-11	CARBON	100K	5%	1/4W
R042	1-249-412-11	CARBON	390	5%	1/4W		R311	1-249-430-11	CARBON	12K	5%	1/4W
R045	1-220-961-81	METAL	2.2K	5%	1/2W							
R047	1-247-807-31	CARBON	100	5%	1/4W		R312	1-247-807-31	CARBON	100	5%	1/4W
R048	1-247-807-31	CARBON	100	5%	1/4W		R313	1-220-963-81	METAL	3.3K	5%	1/2W
							R316	1-247-847-31	CARBON	4.7K	5%	1/4W
R053	1-220-961-81	METAL	2.2K	5%	1/2W		R317	1-220-958-81	METAL	1K	5%	1/2W
R054	1-247-855-31	CARBON	10K	5%	1/4W		R318	1-220-978-81	METAL	120K	5%	1/2W
R057	1-220-958-81	METAL	1K	5%	1/2W							
R060	1-249-411-11	CARBON	330	5%	1/4W		R319	1-259-877-11	CARBON	1.2M	5%	1/4W
R061	1-220-961-81	METAL	2.2K	5%	1/2W		R320	1-249-434-11	CARBON	27K	5%	1/4W
							R321	1-215-459-00	METAL	39K	1%	1/4W
R062	1-220-961-81	METAL	2.2K	5%	1/2W		R322	1-249-434-11	CARBON	27K	5%	1/4W
R063	1-220-961-81	METAL	2.2K	5%	1/2W		R326	1-249-424-11	CARBON	3.9K	5%	1/4W
R065	1-249-409-11	CARBON	220	5%	1/4W							
R066	1-249-409-11	CARBON	220	5%	1/4W		R330	1-247-825-31	CARBON	560	5%	1/4W
R068	1-247-807-31	CARBON	100	5%	1/4W		R331	1-247-897-11	CARBON	560K	5%	1/4W
1000	1 21/ 007-31	57 H.D.O.1	100	5 /0	1/7 **		R332	1-249-409-11	CARBON	220	5%	1/4W
R071	1-249-411-11	CARBON	330	5%	1/4W		R334	1-247-823-31	CARBON	470	5%	1/4W 1/4W
R071 R076	1-249-411-11	CARBON	100	5%	1/4W		R335	1-247-825-31	CARBON	10K	5%	1/4W 1/4W
R076 R077	1-247-807-31	CARBON	100				KJJJ	1-247-033-31	CANDON	101	J70	1/4 VV
				5%	1/4W		D226	1 220 061 01	METAI	2.217	50/	1 /0337
R090	1-247-855-31	CARBON	10K	5%	1/4W		R336	1-220-961-81	METAL	2.2K	5%	1/2W
R101	1-247-847-31	CARBON	4.7K	5%	1/4W		R339	1-215-408-00	METAL	300	1%	1/4W
D.1	4 000 0:	) (T) (T)	477		4 /6		R340	1-249-411-11	CARBON	330	5%	1/4W
R102	1-220-958-81	METAL	1K	5%	1/2W		R341	1-220-958-81	METAL	1K	5%	1/2W
R113	1-249-433-11	CARBON	22K	5%	1/4W		R344	1-259-880-11	CARBON	2.2M	5%	1/4W
R114	1-247-823-31	CARBON	470	5%	1/4W							
R115	1-249-433-11	CARBON	22K	5%	1/4W		R351	1-249-393-11	CARBON	10	5%	1/4W
R116	1-249-433-11	CARBON	22K	5%	1/4W		R355	1-249-393-11	CARBON	10	5%	1/4W
							R356	1-220-958-81	METAL	1K	5%	1/2W
R117	1-249-433-11	CARBON	22K	5%	1/4W		R360	1-259-884-11	CARBON	4.7M	5%	1/4W
R118	1-249-433-11	CARBON	22K	5%	1/4W		R401	1-249-435-11	CARBON	33K	5%	1/4W
R119	1-220-960-81	METAL	1.8K	5%	1/2W				(KV-J21MN1AK)			
R120	1-247-891-00	CARBON	330K	5%	1/4W				,			
R131	1-216-464-11	METAL OXIDE	18K	5%	2W	F						
							I					

REF. NO.	PART NO.	DESCRIPTION			REMA	ARK_	REF. NO.	PART NO.	DESCRIPTION			REMA	.RK
R402	1-249-433-11	CARBON	22K	5%	1/4W		R616	1-247-289-00	CARBON	8.2M	5%	1W	
1402	1 247 455 11	(KV-J21MN1AK)	2211	370	1/4 11		R617	1-215-924-00	METAL OXIDE	15K	5%	3W	F
R403	1-220-946-81	METAL	68	5%	1/2W		R618	1-219-134-11	FUSIBLE	0.1	10%	1/4W	•
R404	1-249-410-11	CARBON	270	5%	1/4W		R619	1-219-134-11	FUSIBLE	0.1	10%	1/4W	
101	1 2 17 110 11	(KV-J21MN1AK)	270	570	1/111		R622	1-217-192-21	METAL	0.22	10%	2W	
R406	1-247-847-31	CARBON	4.7K	5%	1/4W		ROZZ	1 217 172 21	METAL	0.22	1070	211	
R407	1-249-424-11	CARBON	3.9K	5%	1/4W		R623	1-247-807-31	CARBON	100	5%	1/4W	
IX+07	1-2-7	CARDON	3.7K	370	1/7***		R624	1-216-446-00	METAL OXIDE	18	5%	2W	F
R408	1-220-960-81	METAL	1.8K	5%	1/2W		R625	1-249-424-11	CARBON	3.9K	5%	1/4W	1
R409	1-247-807-31	CARBON	100	5%	1/4W		R626	1-249-420-11	CARBON	1.8K	5%	1/4W	
R409	1-247-855-31	CARBON	10K	5%	1/4W		R627	1-249-417-11	CARBON	1.6K 1K	5%	1/4W	
R410	1-220-961-81	METAL	2.2K	5%	1/4 W		K027	1-249-417-11	CARDON	IK	370	1/ <b>4 VV</b>	
R411	1-249-427-11	CARBON	6.8K	5%	1/4W		R628	1-249-417-11	CARBON	1K	5%	1/4W	
K412	1-249-427-11	CARBON	0.0K	370	1/4 VV		R629	1-249-399-11	CARBON	33	5%	1/4W	
D 412	1 220 061 91	METAI	2.21/	£0/	1/2W		R632						
R413	1-220-961-81	METAL	2.2K	5%				1-249-381-11	CARBON	1	5%	1/4W	Б
R414	1-247-823-31	CARBON	470	5%	1/4W		R636	1-215-924-00	METAL OXIDE	15K	5%	3W	F
R416	1-249-409-11	CARBON	220	5%	1/4W		R801	1-215-920-11	METAL OXIDE	3.3K	5%	3W	F
R419	1-220-958-81	METAL	1K	5%	1/2W		D002	1 240 205 11	CARRON	2.2	50/	1 / 4337	г
R420	1-249-412-11	CARBON	390	5%	1/4W		R802	1-249-385-11	CARBON	2.2	5%	1/4W	F
D 101	1 2 10 100 11	G. DD G.V	220	<b>=</b> 0.	4 / 4***		R803	1-247-839-31	CARBON	2.2K	5%	1/4W	
R421	1-249-409-11	CARBON	220	5%	1/4W		R804	1-249-417-11	CARBON	1K	5%	1/4W	
R424	1-220-961-81	METAL	2.2K	5%	1/2W		R805	1-249-433-11	CARBON	22K	5%	1/4W	_
R425	1-249-412-11	CARBON	390	5%	1/4W		R809	1-247-756-11	CARBON	2.2K	5%	1/2W	F
R426	1-249-407-11	CARBON	150	5%	1/4W								
R429	1-249-412-11	CARBON	390	5%	1/4W		R811	1-216-343-00	METAL OXIDE	0.33	5%	1W	F
							R812	1-215-447-00	METAL	12K	1%	1/4W	
R433	1-249-433-11	CARBON	22K	5%	1/4W		R816	1-249-435-11	CARBON	33K	5%	1/4W	
R434	1-247-823-31	CARBON	470	5%	1/4W		R820	1-249-419-11	CARBON	1.5K	5%	1/4W	
R440	1-249-407-11	CARBON	150	5%	1/4W		R821	1-215-911-11	METAL OXIDE	100	5%	3W	F
R441	1-220-946-81	METAL	68	5%	1/2W								
		(KV-J21MN1AK)					R822	1-216-429-00	METAL OXIDE	270	5%	1W	F
R521	1-249-417-11	CARBON	1K	5%	1/4W		R823	1-249-931-11	CARBON	2.2K	5%	1/4W	F
							R825	1-249-392-11	CARBON	8.2	5%	1/4W	F
R552	1-247-883-00	CARBON	150K	5%	1/4W		R826	1-249-422-11	CARBON	2.7K	5%	1/4W	
R553	1-249-433-11	CARBON	22K	5%	1/4W		R827	1-249-440-11	CARBON	82K	5%	1/4W	
R554	1-102-074-00	CERAMIC	0.001MF	10%	50V								
R555	1-247-855-31	CARBON	10K	5%	1/4W		R828	1-249-424-11	CARBON	3.9K	5%	1/4W	
R556	1-249-417-11	CARBON	1K	5%	1/4W		R829	1-249-419-11	CARBON	1.5K	5%	1/4W	
							R831	1-215-863-11	METAL OXIDE	100	5%	1W	F
R557	1-249-420-11	CARBON	1.8K	5%	1/4W		R832	1-247-839-31	CARBON	2.2K	5%	1/4W	
R561	1-247-839-31	CARBON	2.2K	5%	1/4W		R834	1-247-855-31	CARBON	10K	5%	1/4W	
R562	1-249-419-11	CARBON	1.5K	5%	1/4W	F							
R563	1-260-126-11	CARBON	180K	5%	1/2W		R851	1-249-382-11	CARBON	1.2	5%	1/4W	F
R564	1-249-438-11	CARBON	56K	5%	1/4W		R852	1-249-923-11	CARBON	1K	5%	1/4W	
							R853	1-249-377-11	CARBON	0.47	5%	1/4W	F
R565	1-249-438-11	CARBON	56K	5%	1/4W		R854	1-249-377-11	CARBON	0.47	5%	1/4W	F
R566	1-247-847-31	CARBON	4.7K	5%	1/4W		R855	1-202-818-00	SOLID	1K	20%	1/2W	
R569	1-260-354-71	CARBON	150K	5%	1/2W								
R571	1-249-409-11	CARBON	220	5%	1/4W		R856	1-247-855-31	CARBON	10K	5%	1/4W	
R601	1-202-968-11	CEMENTED	1.2	5%	10W		R857	1-249-438-11	CARBON	56K	5%	1/4W	
							R858	1-216-370-11	METAL OXIDE	1.2	5%	2W	F
R602	1-202-968-11	CEMENTED	1.2	5%	10W		R860	1-247-887-00	CARBON	220K	5%	1/4W	
R606	1-215-915-11	METAL OXIDE	470	5%	3W	F	R881	1-247-825-31	CARBON	560	5%	1/4W	
R610	1-215-924-00	METAL OXIDE	15K	5%	3W	F							
R611	1-202-933-61	FUSIBLE	0.1	10%	1/2W	F	R882	1-249-422-11	CARBON	2.7K	5%	1/4W	
R612	1-249-377-11	CARBON	0.47	5%	1/4W		R883	1-247-903-00	CARBON	1M	5%	1/4W	
		(KV-J21MF1AK)					R895	1-216-349-00	METAL OXIDE	1	5%	1W	F
							R898	1-247-839-31	CARBON	2.2K	5%	1/4W	
R612	1-219-134-11	FUSIBLE	0.1	10%	1/4W		R902	1-247-847-31	CARBON	4.7K	5%	1/4W	
		(KV-J21MN1AK)											
R613	1-249-377-11	CARBON	0.47	5%	1/4W		R904	1-247-847-31	CARBON	4.7K	5%	1/4W	
		(KV-J21MF1AK)					R905	1-220-958-81	METAL	1K	5%	1/2W	
R613	1-219-134-11	FUSIBLE	0.1	10%	1/4W		R906	1-220-958-81	METAL	1K	5%	1/2W	
010		(KV-J21MN1AK)		-0/0	-/ - / /		R907	1-220-960-81	METAL	1.8K	5%	1/2W	
R614	1-215-877-11	METAL OXIDE	22K	5%	1W	F	R908	1-220-960-81	METAL	1.8K	5%	1/2W	
R615	1-249-401-11	CARBON	47	5%	1/4W	•	1.700	> > > > > > > > > > > > > > > > >		11021	2 /0	-/ 11	
11013	. 2 17 TOT 11	S/ II DOI1	**	270	1/ 111		R909	1-220-963-81	METAL	3.3K	5%	1/2W	
							R910	1-220-963-81	METAL	3.3K	5%	1/2W	
							1	- 220 700 01		3.511	2,0	-, - 11	

RM-883

# A (KV-J21MF1AK) A (KV-J21MN1AK)

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

<b>7</b> (1	AV-JZTIVIT	NIAK/	■ (KV-J	21 WI	F3)							
REF. NO.	PART NO.	DESCRIPTION			REMAR	K	REF. NO.	PART NO.	DESCRIPTION			REMARK
R911	1-249-428-11	CARBON	8.2K	5%	1/4W		S904	1-570-577-41	SWITCH, PUSH			
R913	1-247-823-31	CARBON	470	5%	1/4W		S905	1-570-577-41	SWITCH, PUSH			
R914	1-247-823-31	CARBON	470	5%	1/4W				2 01., - 0.0			
R915	1-249-428-11	CARBON	8.2K	5%	1/4W				<spark gap=""></spark>			
R1201	1-249-404-00	CARBON	82	5%	1/4W							
R1202	1-220-958-81	METAL	1K	5%	1/2W		SG801	1-519-422-11	GAP, SPARK			
R1203	1-249-437-11	CARBON	47K	5%	1/4W							
R1204	1-249-437-11	CARBON	47K	5%	1/4W							
									<surface td="" wave<=""><td>E FILTER&gt;</td><td></td><td></td></surface>	E FILTER>		
R1205	1-249-404-00	CARBON	82	5%	1/4W		GTT TT 4.0.4	4.500.554.44	ENTERD GVIDEL OF			
R1206	1-249-437-11	CARBON	47K	5%	1/4W		SWF401	1-760-771-11	FILTER, SURFACE	E WAVE		
R1207	1-249-437-11	CARBON	47K	5%	1/4W							
R1211 R1212	1-220-946-81	METAL	68	5%	1/2W				<transformer< td=""><td>) &lt;</td><td></td><td></td></transformer<>	) <		
K1212	1-220-958-81	METAL	1K	5%	1/2W				< I KAINSFURIVIER	O		
R1213	1-220-958-81	METAL	1K	5%	1/2W		T601 A	1-431-683-11	TRANSFORMER,	CONVERTE	R (SRT)	1
R1213	1-247-895-00	CARBON	470K	5%	1/4W			1-431-383-21	TRANSFORMER,			
R1215	1-247-895-00	CARBON	470K	5%	1/4W		T801	1-437-195-11	TRANSFORMER,			VF.
R1216	1-247-895-00	CARBON	470K	5%	1/4W			1-453-193-21	TRANSFORMER A			
R1217	1-247-823-31	CARBON	470	5%	1/4W		1001	. 1 .00 1,0 21	TIULI (SI OTUILLIU	100 1,1 21 21 2	.011 (1 111	17 (2//1/2011)
111217	12.7 020 01	o.m.bo	., 0	270	27							
R1219	1-247-855-31	CARBON	10K	5%	1/4W				<thermistor></thermistor>			
R1220	1-220-958-81	METAL	1K	5%	1/2W							
R1221	1-247-855-31	CARBON	10K	5%	1/4W		THP6012	1-808-059-31	THERMISTOR, PO	OSITIVE		
R1226	1-220-964-81	METAL	39K	5%	1/2W							
R1227	1-220-964-81	METAL	39K	5%	1/2W							
									<tuner></tuner>			
R1228	1-220-958-81	METAL	1K	5%	1/2W		TT 1101 A	0.500.222.20	TIMED MOODE	A C 401		
R1229	1-247-823-31	CARBON	470	5%	1/4W		TU101 🗥	8-598-323-30	TUNER, VSS BT-A	AG401		
R1230	1-247-855-31	CARBON	10K	5%	1/4W							
R1231	1-220-958-81	METAL	1K	5%	1/2W				CDNCTAL			
R1232	1-249-424-11	CARBON	3.9K	5%	1/4W				<crystal></crystal>			
R1233	1-220-961-81	METAL	2.2K	5%	1/2W		X101	1-577-082-11	VIBRATOR, CERA	AMIC		
R1234	1-220-964-81	METAL	39K	5%	1/2W		X300	1-411-752-11	COIL	TIVIIC		
R1235	1-220-964-81	METAL	39K	5%	1/2W		X358	1-567-505-11	OSCILLATOR, CR	PYSTAL.		
R1239	1-249-389-11	CARBON	4.7	5%	1/4W	F	X443	1-567-504-11	OSCILLATOR, CR			
R1240	1-247-807-31	CARBON	100	5%	1/4W	_	11.10	1 00, 00. 11	obelli ir ori, er			
R1241	1-220-958-81	METAL	1K	5%	1/2W							
R1243	1-247-807-31	CARBON	100	5%	1/4W		*****	*******	******	********	*****	*****
R1246	1-249-411-11	CARBON	330	5%	1/4W							
R1247	1-247-823-31		470	5%	1/4W							
R1248	1-220-958-81	METAL	1K	5%	1/2W		*	A-1298-517-A	A BOARD, COMP		21MF3)	
									*********	*****		
R1249	1-247-823-31	CARBON	470	5%	1/4W			. 4 500 500 44	GOLD TOTAL DR			
R1250	1-247-901-11	CARBON	820K	5%	1/4W			1-580-798-11	CONNECTOR PIN	. ,		
D1051	1 247 001 11	(KV-J21MF1AK)	9201/	<i>50</i> /	1 /4337		7	3-691-950-11	SPACER, P.C.BOA			
R1251	1-247-901-11	CARBON	820K	5%	1/4W			4-382-854-11	SCREW (M3X10),	P, SW (+)		
R1252	1-220-961-81	(KV-J21MF1AK) METAL	2.2K	5%	1/2W							
K1232	1-220-901-01	(KV-J21MF1AK)	2.2K	370	1/ 2 VV				<capacitor></capacitor>			
R1253	1-249-418-11	METAL	1.2K	5%	1/4W				CHILCHOIC			
111200	12.9 .10 11	(KV-J21MF1AK)	11211	270	27		C001	1-102-119-00	CERAMIC	0.0015MF	10%	50V
		,					C002	1-126-965-11	ELECT	22MF	20%	50V
R1513	1-247-855-31	CARBON	10K	5%	1/4W		C003	1-102-973-00	CERAMIC	100PF	5%	50V
R1514	1-247-847-31	CARBON	4.7K	5%	1/4W		C004	1-126-961-11	ELECT	2.2MF	20%	50V
R1515	1-247-807-31	CARBON	100	5%	1/4W		C007	1-126-959-11	ELECT	0.47MF	20%	50V
							C009	1-102-824-00	CERAMIC	470PF	5%	50V
		<switch></switch>					C010	1-136-157-00	FILM	0.022MF	5%	50V
0.01	1 577 100 0	ON HER CALL	A C POWER				C011	1-126-967-11	ELECT	47MF	20%	16V
	1-571-433-31	SWITCH, PUSH (A	,				C012	1-102-973-00	CERAMIC	100PF	5%	50V
S801	1-572-707-11	SWITCH, LEVER					C015	1-101-884-00	CERAMIC	56PF	5%	50V
S901 S902	1-570-577-41 1-570-577-41	SWITCH, PUSH SWITCH, PUSH					C016	1-101-884-00	CERAMIC	56PF	5%	50V
S902 S903	1-570-577-41	SWITCH, PUSH					C016 C017	1-101-884-00	CERAMIC	100PF	5%	50V 50V
5703	1 310 311-41	5 1111 (11, 1 05)				ļ	C017	1 102 /15-00	CLICINIC	10011	J /U	JU 1

A (KV-J21MF3)

										(r\v-	JZ HVIF3)
REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C018	1-102-973-00	CERAMIC	100PF	5%	50V	C247	1-126-942-61	ELECT	1000MF	20%	25V
C021	1-102-074-00	CERAMIC	0.001MF	10%	50V	C253	1-126-933-11	ELECT	100MF	20%	16V
C022	1-102-074-00	CERAMIC	0.001MF	10%	50V	C254	1-136-153-00	FILM	0.01MF	5%	50V
						C255	1-136-153-00	FILM	0.01MF	5%	50V
C023	1-102-074-00	CERAMIC	0.001MF	10%	50V	C257	1-136-165-00	FILM	0.1MF	5%	50V
C024	1-102-074-00	CERAMIC	0.001MF	10%	50V						
C025	1-102-074-00	CERAMIC	0.001MF	10%	50V	C258	1-136-165-00	FILM	0.1MF	5%	50V
C026	1-102-074-00	CERAMIC	0.001MF	10%	50V	C300	1-126-967-11	ELECT	47MF	20%	16V
C027	1-102-074-00	CERAMIC	0.001MF	10%	50V	C304 C305	1-136-165-00	FILM FILM	0.1MF 0.1MF	5% 5%	50V 50V
C034	1-136-165-00	FILM	0.1MF	5%	50V	C305 C306	1-136-165-00 1-136-165-00	FILM	0.1MF 0.1MF	5% 5%	50V 50V
C034 C042	1-102-973-00	CERAMIC	100PF	5%	50V	C300	1-130-103-00	FILM	U.TIVII	370	30 V
C044	1-102-973-00	CERAMIC	100PF	5%	50V	C307	1-136-165-00	FILM	0.1MF	5%	50V
C046	1-102-973-00	CERAMIC	100PF	5%	50V	C308	1-136-165-00	FILM	0.1MF	5%	50V
C048	1-136-165-00	FILM	0.1MF	5%	50V	C309	1-136-165-00	FILM	0.1MF	5%	50V
						C310	1-136-165-00	FILM	0.1MF	5%	50V
C049	1-136-165-00	FILM	0.1MF	5%	50V	C311	1-102-951-00	CERAMIC	15PF	5%	50V
C050	1-126-960-11	ELECT	1MF	20%	50V						
C052	1-136-165-00	FILM	0.1MF	5%	50V	C312	1-102-951-00	CERAMIC	15PF	5%	50V
C053	1-102-074-00	CERAMIC	0.001MF	10%	50V	C313	1-126-933-11	ELECT	100MF	20%	16V
C055	1-126-935-11	ELECT	470MF	20%	16V	C314	1-102-121-00	CERAMIC	0.0022MF	10%	50V
0056	1 102 074 00	CED 11 HC	0.0013.65	100/	5017	C315	1-126-960-11	ELECT	1MF	20%	50V
C056 C057	1-102-074-00 1-102-852-91	CERAMIC CERAMIC	0.001MF 47PF	10% 5%	50V 50V	C316	1-102-125-00	CERAMIC	0.0047MF	10%	50V
C057	1-102-832-91	CERAMIC	4/PF 100PF	5%	50V	C319	1-136-165-00	FILM	0.1MF	5%	50V
C058	1-102-973-00	CERAMIC	100FF 100PF	5%	50V	C319	1-136-165-00	FILM	0.1MF	5%	50V
C060	1-102-973-00	CERAMIC	0.001MF	10%	50V	C320	1-136-165-00	FILM	0.1MF	5%	50V
2000	1 102 07 1 00	CERTIFIC	0.0011111	1070	501	C323	1-101-880-00	CERAMIC	47PF	5%	50V
C061	1-126-961-11	ELECT	2.2MF	20%	50V	C324	1-126-961-11	ELECT	2.2MF	20%	50V
C072	1-126-935-11	ELECT	470MF	20%	16V						
C074	1-102-110-00	CERAMIC	220PF	10%	50V	C325	1-102-947-00	CERAMIC	10PF	0.5PF	50V
C101	1-101-003-00	CERAMIC	0.0047MF		50V	C326	1-102-949-00	CERAMIC	12PF	5%	50V
C102	1-136-165-00	FILM	0.1MF	5%	50V	C327	1-102-947-00	CERAMIC	10PF	0.5PF	
						C328	1-136-165-00	FILM	0.1MF	5%	50V
C105	1-126-934-11	ELECT	220MF	20%	16V	C329	1-130-478-00	MYLAR	0.0039MF	5%	50V
C106	1-126-964-51	ELECT	10MF	20%	50V	G220	1 126 165 00	TH. 3.6	0.13.65	50/	5011
C108	1-126-767-11	ELECT CERAMIC	1000MF 0.0047MF	20%	16V	C330 C331	1-136-165-00	FILM ELECT	0.1MF 10MF	5%	50V 50V
C109 C111	1-102-125-00 1-102-074-00	CERAMIC	0.0047MF 0.001MF	10% 10%	50V 50V	C331	1-126-964-51 1-136-165-00	FILM	0.1MF	20% 5%	50V 50V
CIII	1-102-074-00	CERAMIC	0.0011011	1070	30 V	C332	1-136-165-00	FILM	0.1MF	5%	50V
C114	1-102-973-00	CERAMIC	100PF	5%	50V	C334	1-102-123-00	CERAMIC	0.0033MF	10%	50V
C115	1-102-947-00	CERAMIC	10PF	0.5PF	50V		1 102 120 00	obra mino	0.000001.11	10,0	20.
C116	1-136-165-00	FILM	0.1MF	5%	50V	C335	1-102-973-00	CERAMIC	100PF	5%	50V
C117	1-102-973-00	CERAMIC	100PF	5%	50V	C336	1-126-964-51	ELECT	10MF	20%	50V
C118	1-126-965-11	ELECT	22MF	20%	50V	C337	1-126-933-11	ELECT	100MF	20%	16V
						C339	1-101-361-00	CERAMIC	150PF	5%	50V
C119	1-136-153-00	FILM	0.01MF	5%	50V	C340	1-102-074-00	CERAMIC	0.001MF	10%	50V
C120	1-130-493-00	MYLAR	0.068MF	5%	50V						
C121	1-130-493-00	MYLAR	0.068MF	5%	50V	C341	1-102-973-00	CERAMIC	100PF	5%	50V
C122	1-126-933-11	ELECT	100MF	20%	16V	C342	1-136-165-00	FILM	0.1MF	5%	50V
C124	1-136-165-00	FILM	0.1MF	5%	50V	C344 C349	1-126-964-51 1-126-964-51	ELECT ELECT	10MF 10MF	20% 20%	50V 50V
C125	1-136-165-00	FILM	0.1MF	5%	50V	C349	1-126-967-11	ELECT	47MF	20%	16V
C123	1-102-973-00	CERAMIC	100PF	5%	50V	C330	1-120-707-11	LLLCT	-7 / IVII	2070	10 V
C233	1-126-967-11	ELECT	47MF	20%	16V	C351	1-136-165-00	FILM	0.1MF	5%	50V
C234	1-126-967-11	ELECT	47MF	20%	16V	C352	1-136-169-00	FILM	0.22MF	5%	50V
C235	1-126-933-11	ELECT	100MF	20%	16V	C358	1-136-165-00	FILM	0.1MF	5%	50V
						C359	1-126-933-11	ELECT	100MF	20%	16V
C236	1-126-949-11	ELECT	220MF	20%	35V	C361	1-102-074-00	CERAMIC	0.001MF	10%	50V
C237	1-126-933-11	ELECT	100MF	20%	16V						
C238	1-137-188-51	FILM	0.15MF	5%	50V	C362	1-162-211-31	CERAMIC	33PF	5%	50V
C239	1-126-933-11	ELECT	100MF	20%	16V	C367	1-136-165-00	FILM	0.1MF	5%	50V
C240	1-137-188-51	FILM	0.15MF	5%	50V	C368	1-136-165-00	FILM	0.1MF	5%	50V
C241	1 100 040 01	ELECT	1000145	200/	251/	C369	1-136-165-00	FILM	0.1MF	5% 5%	50V
C241	1-126-942-61	ELECT	1000MF	20%	25V	C370	1-136-165-00	FILM	0.1MF	5%	50V
C242 C243	1-136-153-00 1-126-964-51	FILM ELECT	0.01MF 10MF	5% 20%	50V 50V	C374	1-126-967-11	ELECT	47MF	20%	50V
C243 C244	1-126-964-31	ELECT	1000MF	20%	25V	C374 C375	1-126-967-11	ELECT	47MF	20%	50V
C244 C246	1-120-942-01	ELECT	22MF	20%	25 V 25 V	C402	1-120-907-11	FILM	0.01MF	5%	50V
22.0	0 001 11			_0,0		J.02	100 00			- / 0	

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REF. N	O. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C403	1-126-968-11	ELECT	100MF	20%	50V	C821	1-104-999-11	MYLAR	0.1MF	10%	200V
C405	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C822	1-136-111-00	FILM	1MF	5%	200V
						C823	1-136-153-00	FILM	0.01MF	5%	50V
C406	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C825	1-107-364-11	MYLAR	0.01MF	10%	200V
C407	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C850	1-126-941-11	ELECT	470MF	20%	25V
C408	1-102-125-00	CERAMIC	0.0047MF	10%	50V						
C410	1-102-961-00	CERAMIC	27PF	5%	50V	C852	1-104-574-11	CERAMIC	0.0047MF	10%	2KV
C423	1-102-820-00	CERAMIC	330PF	5%	50V	C853	1-162-318-11	CERAMIC	0.001MF	10%	500V
						C854	1-126-941-11	ELECT	470MF	20%	25V
C501	1-102-228-00	CERAMIC	470PF	10%	500V	C856	1-162-318-11	CERAMIC	0.001MF	10%	500V
C523	1-126-933-11	ELECT	100MF	20%	16V	C857	1-136-159-00	FILM	0.033MF	5%	50V
C548	1-106-220-00	MYLAR	0.1MF	10%	100V						
C551	1-126-948-11	ELECT	100MF	20%	35V	C860	1-102-228-00	CERAMIC	470PF	10%	500V
C552	1-126-948-11	ELECT	100MF	20%	35V	C861	1-107-654-11	ELECT	33MF	20%	250V
						C875	1-128-562-11	ELECT	47MF	20%	100V
C553	1-102-127-00	CERAMIC	0.0068MF	10%	50V	C876	1-107-369-11	MYLAR	0.068MF	10%	100V
C554	1-102-244-00	CERAMIC	220PF	10%	500V	C891	1-102-116-00	CERAMIC	680PF	10%	50V
C555	1-101-804-00	CERAMIC	10PF	5%	500V						
C562	1-126-933-11	ELECT	100MF	20%	16V	C898	1-137-150-11	MYLAR	0.01MF	10%	100V
C602	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C901	1-102-824-00	CERAMIC	470PF	5%	50V
						C902	1-102-824-00	CERAMIC	470PF	5%	50V
C603	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C1201	1-126-933-11	ELECT	100MF	20%	16V
C604	1-125-555-11	ELECT(BLOCK)	330MF	20%	400V	C1202	1-136-165-00	FILM	0.1MF	5%	50V
C605	1-161-830-00	CERAMIC	0.0047MF	99%	500V						
C606	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C1203	1-136-165-00	FILM	0.1MF	5%	50V
C607	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C1204	1-126-933-11	ELECT	100MF	20%	16V
						C1205	1-136-165-00	FILM	0.1MF	5%	50V
C608	1-104-332-11	CERAMIC	470PF	10%	2KV	C1206	1-136-165-00	FILM	0.1MF	5%	50V
C609	1-124-347-00	ELECT	100MF	20%	160V	C1210	1-126-933-11	ELECT	100MF	20%	16V
C610	1-126-943-11	ELECT	2200MF	20%	25V						
C611	₾ 1-164-497-51	CERAMIC	470PF	10%	400V	C1213	1-126-960-11	ELECT	1MF	20%	50V
C612	1-102-228-00	CERAMIC	470PF	10%	500V	C1214	1-126-964-51	ELECT	10MF	20%	50V
						C1215	1-102-976-00	CERAMIC	180PF	5%	50V
C613	1-102-824-00	CERAMIC	470PF	5%	50V	C1216	1-136-173-00	FILM	0.47MF	5%	50V
C614	1-126-943-11	ELECT	2200MF	20%	25V	C1217	1-126-933-11	ELECT	100MF	20%	16V
C616	1-102-228-00	CERAMIC	470PF	10%	500V						
C618	1-102-114-00	CERAMIC	470PF	10%	50V	C1218	1-102-976-00	CERAMIC	180PF	5%	50V
C619	1-162-116-00	CERAMIC	680PF	10%	2KV	C1221	1-136-173-00	FILM	0.47MF	5%	50V
						C1226	1-126-934-11	ELECT	220MF	20%	16V
C621	₾ 1-104-705-51	FILM	0.1MF	20%	250V	C1230	1-136-165-00	FILM	0.1MF	5%	50V
C622	1-107-368-11	MYLAR	0.047MF	99%	200V	C1259	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C623	1-126-934-11	ELECT	220MF	20%	16V						
C624	1-126-767-11	ELECT	1000MF	20%	16V	C1260	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C625	1-102-074-00	CERAMIC	0.001MF	10%	50V	C1513	1-126-968-11	ELECT	100MF	20%	50V
C627	1-162-116-00	CERAMIC	680PF	10%	2KV						
C628	1-102-824-00	CERAMIC	470PF	5%	50V			<filter></filter>			
C630	△ 1-164-497-51	CERAMIC	470PF	10%	400V						
C631	1-161-830-00	CERAMIC	0.0047MF	99%	500V	CF55	1-567-099-00	FILTER, CERAMI	C		
C632		CERAMIC	470PF	10%	400V						
C633	1-161-754-00	CERAMIC	0.001MF	10%	3KV			<connector></connector>			
C634	1-102-114-00	CERAMIC	470PF	10%	50V						
C801	1-123-024-21	ELECT	33MF		160V	CN101 *	1-560-124-00	PLUG, CONNECT	OR (2.5MM)	4P	
C802	1-107-364-11	MYLAR	0.01MF	10%	200V	CN103 *	1-564-509-11	PLUG, CONNECT	` /		
C804	1-102-074-00	CERAMIC	0.001MF	10%	50V		1-564-505-11	PLUG, CONNECT			
							1-564-507-11	PLUG, CONNECT	OR 4P		
C805	1-102-244-00	CERAMIC	220PF	10%	500V	CN601 *	1-580-843-11	PIN, CONNECTO			
C806	1-126-960-11	ELECT	1MF	20%	50V				. ,		
C807	1-136-569-11	FILM	1.2MF	5%	200V	CN602 *	1-508-786-00	PIN, CONNECTO	R (5MM PITO	CH) 2P	
C808	1-129-746-00	FILM	0.039MF	5%	400V		1-508-786-00	PIN, CONNECTO			
C809	1-162-115-00	CERAMIC	330PF	10%	2KV	CN604	1-695-915-11	TAB (CONTACT)	,	,	
		-				CN605	1-695-915-11	TAB (CONTACT)			
C810	1-106-365-00	MYLAR	0.0082MF	99%	200V	CN606	1-695-915-11	TAB (CONTACT)			
C811	1-162-318-11	CERAMIC	0.001MF	10%	500V			( = ===================================			
C812	1-136-081-00	FILM	0.012MF	3%	2KV	CN607	1-695-915-11	TAB (CONTACT)			
C816	1-107-636-11	ELECT	10MF	20%	160V		1-564-506-11	PLUG, CONNECT	OR 3P		
C820	1-161-754-00	CERAMIC	0.001MF	10%	2KV	CN612	1-695-915-11	TAB (CONTACT)			
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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
CN612	1 605 015 11	TAB (CONTACT)		D853	9 710 202 42	DIODE EL1Z		
CN613 CN614	1-695-915-11 1-695-915-11	TAB (CONTACT)		D855	8-719-302-43 8-719-302-43	DIODE ELIZ		
CDI CLE	1 (05 015 11	TAD (CONTACT)		D055	0.710.000.00	DIODE CDOOD		
CN615	1-695-915-11	TAB (CONTACT)		D857	8-719-908-03	DIODE GP08D		
CN851	1-508-766-00	PIN, CONNECTOR (5MM PITCH) 4P		D858	8-719-908-03	DIODE GP08D		
				D860	8-719-911-19	DIODE 1SS119-25	22.0	
		COMPOSITION CURCUIT DI OCI		D901	8-719-054-60	DIODE LNK022002	22G	
		<composition block="" circuit=""></composition>		D1201	8-719-121-24	DIODE RD9.1ESL		
CP001	1-233-747-11	CIRCUIT BLOCK, COMPOSITION		D1202	8-719-121-24	DIODE RD9.1ESL		
CP002	1-233-749-11	CIRCUIT BLOCK, COMPOSITION		D1203	8-719-121-24	DIODE RD9.1ESL		
CP003	1-233-748-11	CIRCUIT BLOCK, COMPOSITION		D1207	8-719-121-24	DIODE RD9.1ESL		
CP004	1-233-750-11	CIRCUIT BLOCK, COMPOSITION		D1208	8-719-121-24	DIODE RD9.1ESL		
CP005	1-233-749-11	CIRCUIT BLOCK, COMPOSITION		D1504	8-719-911-19	DIODE 1SS119-25		
		TDD 0.4TD		D1505	8-719-109-81	DIODE RD4.7ESB2	2	
		<trimmer></trimmer>						
CT55	1-404-801-11	TRAP, CERAMIC				<fuse></fuse>		
0100	1 10 1 001 11	man, edia ime				4 0025		
				F601 △	1-532-237-11	FUSE, TIME-LAG	(BET) 3.15A/250V	
		<diode></diode>						
D001	8-719-109-81	DIODE RD4.7ESB2				<ferrite bead=""></ferrite>		
D001 D002	8-719-911-19	DIODE 1SS119-25				T LIMITE BEAD/		
D002	8-719-911-19	DIODE 1SS119-25		FB101	1-410-397-21	FERRITE	1.1UH	
D005	8-719-109-84	DIODE RD5.1ESB1		FB102	1-410-397-21	FERRITE	1.1UH	
D003	8-719-109-89	DIODE RD5.1ESB1 DIODE RD5.6ESB2		FB251	1-410-397-21	FERRITE	1.1UH	
D006	0-719-109-09	DIODE RD3.0E3B2		FB601	1-410-397-21		1.1UH	
D103	8-719-016-42	DIODE MC932		FB603	1-410-397-21	FERRITE	1.1UH	
D103	8-719-911-19	DIODE INC 932 DIODE 1SS119-25		1.0003	1-410-397-21	TERRITE	1.1011	
D251 D252	8-719-911-19	DIODE MC932		FB610	1-410-396-41	FERRITE	0.45UH	
D232 D301	8-719-010-42	DIODE INC932 DIODE 1SS119-25		FB612	1-410-390-41	FERRITE	1.1UH	
D301 D305	8-719-911-19			FB801		FERRITE	1.1UH	
D303	8-719-911-19	DIODE 1SS119-25		FB801	1-410-397-21	FERRITE	1.1UH	
D306	8-719-911-19	DIODE 1SS119-25						
D307	8-719-911-19	DIODE 1SS119-25				<fuse clip=""></fuse>		
D308	8-719-109-54	DIODE RD2.2ESB2						
D310	8-719-911-19	DIODE 1SS119-25		FH01	1-533-223-11	CLIP, FUSE		
D311	8-719-109-54	DIODE RD2.2ESB2		FH02	1-533-223-11	CLIP, FUSE		
D312	8-719-110-08	DIODE RD8.2ESB2						
D315	8-719-121-24	DIODE RD9.1ESL				<ic></ic>		
D351	8-719-908-03	DIODE GP08D						
D399	8-719-121-24	DIODE RD9.1ESL		IC001	8-752-889-58	IC CXP85220A-055	SS	
D401	8-719-911-19	DIODE 1SS119-25		IC002	8-759-805-37	IC L78LR05D-MA		
				IC003	8-759-370-33	IC ST24C04FB6		
D402	8-719-911-19	DIODE 1SS119-25		IC004	8-742-041-12	HYB IC SBX1981-1	11(12)	
D403	8-719-911-19	DIODE 1SS119-25		IC102	8-759-157-40	IC UPC574J		
D513	8-719-109-84	DIODE RD5.1ESB1						
D551	8-719-908-03	DIODE GP08D		IC203	8-759-339-60	IC TA8248K		
D561	8-719-911-19	DIODE 1SS119-25		IC300	8-759-365-26	IC TDA8375A		
				IC351	8-759-288-85	IC TDA4665T-T		
D591	8-719-911-19	DIODE 1SS119-25		IC354	8-759-251-56	IC TDA8395T		
D601	8-719-510-53	DIODE D4SB60L		IC401	8-759-800-65	IC LA7910		
D604	8-719-301-64	DIODE RU4DS						
D605	8-719-067-18	DIODE RN4Z		IC521	8-759-195-63	IC PQ09RE11		
D606	8-719-510-73	DIODE S3L20UF4		IC551	8-759-801-98	IC LA7830		
D 505	0.510.510.5	DIODE DANK AS TO		IC601	8-749-014-00	IC STR-S6707N		
D607	8-719-510-26	DIODE D1NL20-TA		IC602	8-749-921-89	IC SE115N	DGUAAFA	
D609	8-719-510-26	DIODE D1NL20-TA		IC603 △	8-749-010-64	PHOTO COUPLER	PC123F2	
D610	8-719-510-26	DIODE D1NL20-TA						
D611	8-719-510-26	DIODE D1NL20-TA		IC801	8-759-145-58	IC UPC4558C		
D801	8-719-945-80	DIODE ERC06-15S		IC1210	8-759-145-58	IC UPC4558C		
D802	8-719-900-26	DIODE ERD29-08J						
D802 D851	8-719-900-26	DIODE ERD29-08J DIODE EL1Z						
D851 D852	8-719-302-43	DIODE RGP02-17EL-6433						
D032	0-117-040-14	DIODE ROI 02-1/EE-0433		l				

RM-883



(!	1 V 02 1 WII	3)								
REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<jack></jack>			Q1207	8-729-119-79	TRANSISTOR 2SO			
					Q1208	8-729-119-79	TRANSISTOR 2SO			
J251	1-770-786-11	JACK			Q1209	8-729-119-79	TRANSISTOR 2SO			
J1201	1-770-661-11	JACK BLOCK, PIN 6P	WDE) 2D		Q1513	8-729-119-79	TRANSISTOR 2SO	2/85-FEK		
J1202	1-695-585-11	JACK BLOCK, PIN (L T	YPE) 3P							
							<resistor></resistor>			
		<coil></coil>					(RESISTOR)			
					R007	1-247-855-31	CARBON	10K	5%	1/4W
L001	1-408-397-00	INDUCTOR 1UH	I		R008	1-249-417-11	CARBON	1K	5%	1/4W
L002	1-410-509-51	INDUCTOR 10U	Н		R009	1-249-417-11	CARBON	1K	5%	1/4W
L003	1-408-605-31	INDUCTOR 15U	Н		R010	1-249-417-11	CARBON	1K	5%	1/4W
L101	1-410-470-11	INDUCTOR 10U			R012	1-249-401-11	CARBON	47	5%	1/4W
L301	1-408-598-31	INDUCTOR 3.9U	JH							
T 401	1 410 400 11	INDUCTOR 1 AU			R013	1-249-417-11	CARBON	1K	5%	1/4W
L401	1-410-498-11	INDUCTOR 1.2U			R014	1-249-417-11	CARBON	1K	5%	1/4W
L402	1-410-510-11	INDUCTOR 12UI INDUCTOR 6.8U			R015	1-247-825-31	CARBON	560	5% 5%	1/4W
L406 L410	1-410-507-11 1-410-501-51	INDUCTOR 6.8U INDUCTOR 2.2U			R016 R017	1-249-417-11 1-247-839-31	CARBON CARBON	1K 2.2K	5% 5%	1/4W 1/4W
L802	1-410-501-51	INDUCTOR 2.20 INDUCTOR 15U			K017	1-247-039-31	CARBON	2.2K	370	1/4 VV
L002	1-412-327-11	INDUCTOR 130	11		R018	1-249-409-11	CARBON	220	5%	1/4W
L804	1-459-075-00	INDUCTOR 0UH	Ī		R019	1-247-883-00	CARBON	150K	5%	1/4W
L805	1-459-769-13	COIL, HORIZONTAL LI			R021	1-247-847-31	CARBON	4.7K	5%	1/4W
L807	1-459-390-00	INDUCTOR 0UH			R025	1-247-839-31	CARBON	2.2K	5%	1/4W
L808	1-412-553-11	INDUCTOR 3.3M	ИМН		R026	1-247-839-31	CARBON	2.2K	5%	1/4W
L821	1-459-111-00	INDUCTOR 0UH	I							
					R027	1-247-847-31	CARBON	4.7K	5%	1/4W
L850	1-408-947-00	INDUCTOR 2.2M	ИMH		R028	1-247-807-31	CARBON	100	5%	1/4W
					R029	1-247-847-31	CARBON	4.7K	5%	1/4W
		TTD A MATERIAN			R031	1-249-417-11	CARBON	1K	5%	1/4W
		<transistor></transistor>			R033	1-249-417-11	CARBON	1K	5%	1/4W
Q030	8-729-119-79	TRANSISTOR 2SC2785	-EEK		R035	1-249-417-11	CARBON	1K	5%	1/4W
Q108	8-729-119-79	TRANSISTOR 2SC2785			R036	1-249-417-11	CARBON	1K	5%	1/4W
Q109	8-729-119-79	TRANSISTOR 2SC2785			R037	1-249-417-11	CARBON	1K	5%	1/4W
Q110	8-729-119-79	TRANSISTOR 2SC2785			R038	1-249-409-11	CARBON	220	5%	1/4W
Q202	8-729-119-76	TRANSISTOR 2SA1175			R040	1-249-409-11	CARBON	220	5%	1/4W
Q207	8-729-119-76	TRANSISTOR 2SA1175			R041	1-247-807-31	CARBON	100	5%	1/4W
Q208	8-729-030-02	TRANSISTOR DTC144E			R042	1-249-412-11	CARBON	390	5%	1/4W
Q209	8-729-029-92	TRANSISTOR DTC143E			R045	1-247-839-31	CARBON	2.2K	5%	1/4W
Q210	8-729-029-92	TRANSISTOR DTC143E			R047	1-247-807-31	CARBON	100	5%	1/4W
Q301	8-729-029-66	TRANSISTOR DTC114F	ESA		R048	1-247-807-31	CARBON	100	5%	1/4W
Q302	8-729-119-79	TRANSISTOR 2SC2785	-EEK		R053	1-247-839-31	CARBON	2.2K	5%	1/4W
Q302 Q303	8-729-119-79	TRANSISTOR 2SC2785			R054	1-247-855-31	CARBON	10K	5%	1/4W
Q402	8-729-922-66	TRANSISTOR 2SC2410			R057	1-249-417-11	CARBON	1K	5%	1/4W
Q403	8-729-029-92	TRANSISTOR DTC143E			R058	1-247-847-31	CARBON	4.7K	5%	1/4W
Q404	8-729-029-92	TRANSISTOR DTC143E			R060	1-249-411-11	CARBON	330	5%	1/4W
-										
Q406	8-729-119-76	TRANSISTOR 2SA1175			R061	1-247-839-31	CARBON	2.2K	5%	1/4W
Q408	8-729-119-79	TRANSISTOR 2SC2785			R062	1-247-839-31	CARBON	2.2K	5%	1/4W
Q409	8-729-119-76	TRANSISTOR 2SA1175			R063	1-247-839-31	CARBON	2.2K	5%	1/4W
Q414	8-729-119-79	TRANSISTOR 2SC2785			R065	1-249-409-11	CARBON	220	5%	1/4W
Q417	8-729-029-92	TRANSISTOR DTC143E	ESA		R066	1-249-409-11	CARBON	220	5%	1/4W
0561	9 720 200 17	TD ANGICTOD 2C A 1001	D		D069	1 247 907 21	CADDON	100	50/	1/4337
Q561 Q801	8-729-200-17 8-729-140-50	TRANSISTOR 2SA1091 TRANSISTOR 2SC3209			R068 R071	1-247-807-31 1-249-411-11	CARBON CARBON	100 330	5% 5%	1/4W 1/4W
Q801 Q802	8-729-821-87	TRANSISTOR 2SD1878			R076	1-247-807-31	CARBON	100	5%	1/4W 1/4W
Q802 Q821	8-729-209-15	TRANSISTOR 2SD2012			R077	1-247-807-31	CARBON	100	5%	1/4W
Q902	8-729-030-02	TRANSISTOR 25D2012			R090	1-247-855-31	CARBON	10K	5%	1/4W
Ç							<del>7-</del> '			
Q903	8-729-030-02	TRANSISTOR DTC144E			R101	1-247-847-31	CARBON	4.7K	5%	1/4W
Q1201	8-729-119-79	TRANSISTOR 2SC2785	-FEK		R102	1-249-417-11	CARBON	1K	5%	1/4W
Q1202	8-729-119-79	TRANSISTOR 2SC2785			R113	1-249-433-11	CARBON	22K	5%	1/4W
Q1203	8-729-119-79	TRANSISTOR 2SC2785			R114	1-247-823-31	CARBON	470	5%	1/4W
Q1204	8-729-119-76	TRANSISTOR 2SA1175	-HFE		R115	1-249-433-11	CARBON	22K	5%	1/4W

											(rvv-	JZIIV	IIF3)
REF. NO.	PART NO.	DESCRIPTION			REMA	RK	REF. NO.	PART NO.	DESCRIPTION			REMA	RK
R116	1-249-433-11	CARBON	22K	5%	1/4W		R355	1-249-393-11	CARBON	10	5%	1/4W	
R117	1-249-433-11	CARBON	22K	5%	1/4W		R356	1-249-417-11	CARBON	1K	5%	1/4W	
R118	1-249-433-11	CARBON	22K	5%	1/4W		R360	1-259-884-11	CARBON	4.7M	5%	1/4W	
R119	1-249-420-11	CARBON	1.8K	5%	1/4W								
R120	1-247-891-00	CARBON	330K	5%	1/4W		R403	1-249-403-11	CARBON	68	5%	1/4W	
D121	1 016 464 11	METAL OVIDE	1017	<b>5</b> 0/	2117	F	R406	1-247-847-31	CARBON	4.7K	5%	1/4W	
R131	1-216-464-11	METAL OXIDE CARBON	18K	5% 5%	2W 1/4W	F	R407	1-249-424-11	CARBON	3.9K	5% 5%	1/4W 1/4W	
R180 R181	1-249-409-11 1-249-409-11	CARBON	220 220	5% 5%	1/4 W		R408 R409	1-249-420-11 1-247-807-31	CARBON CARBON	1.8K 100	5% 5%	1/4W 1/4W	
R182	1-249-409-11	CARBON	220	5%	1/4W		K409	1-247-007-31	CARBON	100	370	1/4 VV	
R240	1-249-410-11	CARBON	270	5%	1/4W		R410	1-247-855-31	CARBON	10K	5%	1/4W	
112.10	1217 110 11	CI III DOI V	2,0	270	27		R411	1-247-839-31	CARBON	2.2K	5%	1/4W	
R242	1-249-410-11	CARBON	270	5%	1/4W		R412	1-249-427-11	CARBON	6.8K	5%	1/4W	
R243	1-247-855-31	CARBON	10K	5%	1/4W		R413	1-247-839-31	CARBON	2.2K	5%	1/4W	
R244	1-247-855-31	CARBON	10K	5%	1/4W		R414	1-247-823-31	CARBON	470	5%	1/4W	
R245	1-249-426-11	CARBON	5.6K	5%	1/4W								
R246	1-249-426-11	CARBON	5.6K	5%	1/4W		R416	1-249-409-11	CARBON	220	5%	1/4W	
							R419	1-249-417-11	CARBON	1K	5%	1/4W	
R247	1-249-419-11	CARBON	1.5K	5%	1/4W		R420	1-249-412-11	CARBON	390	5%	1/4W	
R248	1-249-419-11	CARBON	1.5K	5%	1/4W		R421	1-249-409-11	CARBON	220	5%	1/4W	
R249	1-249-417-11	CARBON	1K	5%	1/4W		R424	1-247-839-31	CARBON	2.2K	5%	1/4W	
R250	1-249-417-11 1-249-411-11	CARBON CARBON	1K 330	5% 5%	1/4W 1/4W		R425	1-249-412-11	CARBON	390	504	1/4W	
R252	1-249-411-11	CARDON	330	3%	1/4 W		R425 R426	1-249-412-11	CARBON	150	5% 5%	1/4W	
R253	1-247-855-31	CARBON	10K	5%	1/4W		R429	1-249-407-11	CARBON	390	5%	1/4W	
R254	1-249-389-11	CARBON	4.7	5%	1/4W		R433	1-249-433-11	CARBON	22K	5%	1/4W	
R255	1-249-389-11	CARBON	4.7	5%	1/4W		R434	1-247-823-31	CARBON	470	5%	1/4W	
R256	1-249-411-11	CARBON	330	5%	1/4W						- / -	-,	
R264	1-249-431-11	CARBON	15K	5%	1/4W		R440	1-249-407-11	CARBON	150	5%	1/4W	
							R521	1-249-417-11	CARBON	1K	5%	1/4W	
R265	1-249-431-11	CARBON	15K	5%	1/4W		R552	1-247-883-00	CARBON	150K	5%	1/4W	
R266	1-249-437-11	CARBON	47K	5%	1/4W		R553	1-249-433-11	CARBON	22K	5%	1/4W	
R303	1-247-807-31	CARBON	100	5%	1/4W		R554	1-102-074-00	CERAMIC	0.001MF	10%	50V	
R304	1-247-807-31	CARBON	100	5%	1/4W		2.55	1 2 1 7 2 7 2 1	GIRRON	4077	=	4 / 4***	
R305	1-247-807-31	CARBON	100	5%	1/4W		R555	1-247-855-31	CARBON	10K	5%	1/4W	
D206	1 247 907 21	CARRON	100	5%	1/4W		R556	1-249-417-11	CARBON	1K	5%	1/4W 1/4W	
R306 R307	1-247-807-31 1-247-807-31	CARBON CARBON	100	5% 5%	1/4 W		R557 R561	1-249-420-11 1-247-839-31	CARBON CARBON	1.8K 2.2K	5% 5%	1/4W	
R308	1-249-409-11	CARBON	220	5%	1/4W		R562	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R309	1-249-409-11	CARBON	220	5%	1/4W		1302	1-247-417-11	CARDON	1.51	370	1/4**	1
R310	1-249-441-11	CARBON	100K	5%	1/4W		R563	1-260-126-11	CARBON	180K	5%	1/2W	
							R564	1-249-438-11	CARBON	56K	5%	1/4W	
R311	1-249-430-11	CARBON	12K	5%	1/4W		R565	1-249-438-11	CARBON	56K	5%	1/4W	
R312	1-247-807-31	CARBON	100	5%	1/4W		R566	1-247-847-31	CARBON	4.7K	5%	1/4W	
R313	1-247-843-11	CARBON	3.3K	5%	1/4W		R569	1-260-354-71	CARBON	150K	5%	1/2W	
R316	1-247-847-31	CARBON	4.7K	5%	1/4W								
R317	1-249-417-11	CARBON	1K	5%	1/4W		R571	1-249-409-11	CARBON	220	5%	1/4W	
D210	1 247 001 00	CARRON	1201/	£0/	1 /4337		R601	1-202-968-11	CEMENTED	1.2	5%	10W	
R318 R319	1-247-881-00 1-259-877-11	CARBON CARBON	120K 1.2M	5% 5%	1/4W 1/4W		R602 R606	1-202-968-11 1-215-915-11	CEMENTED METAL OXIDE	1.2 470	5% 5%	10W 3W	F
R320	1-239-677-11	CARBON	27K	5%	1/4W		R610	1-215-915-11	METAL OXIDE	15K	5%	3W	F
R321	1-245-459-00	METAL	39K	1%	1/4W		KUIU	1-213-924-00	METAL OXIDE	131	370	3 **	1.
R322	1-249-434-11	CARBON	27K	5%	1/4W		R611	1-202-933-61	FUSIBLE	0.1	10%	1/2W	F
			_,	- / -	-,		R612	1-249-377-11	CARBON	0.47	5%	1/4W	
R326	1-249-412-11	CARBON	390	5%	1/4W		R613	1-249-377-11	CARBON	0.47	5%	1/4W	
R330	1-247-825-31	CARBON	560	5%	1/4W		R614	1-215-877-11	METAL OXIDE	22K	5%	1W	F
R331	1-247-897-11	CARBON	560K	5%	1/4W		R615	1-249-401-11	CARBON	47	5%	1/4W	
R332	1-249-409-11	CARBON	220	5%	1/4W								
R334	1-247-823-31	CARBON	470	5%	1/4W		R616	1-247-289-00	CARBON	8.2M	5%	1W	
				_			R617	1-215-924-00	METAL OXIDE	15K	5%	3W	F
R335	1-247-855-31	CARBON	10K	5%	1/4W		R618	1-249-377-11	CARBON	0.47	5%	1/4W	
R336	1-247-839-31	CARBON	2.2K	5%	1/4W		R619	1-249-377-11	CARBON	0.47	5%	1/4W	F
R339	1-215-408-00	METAL	300	1%	1/4W		R622	1-217-192-21	METAL	0.22	10%	2W	
R340	1-249-410-11	CARBON	270	5% 5%	1/4W 1/4W		R623	1 247 907 21	CADDOM	100	5%	1/4W	
R341	1-249-417-11	CARBON	1K	5%	1/4 W		R623 R624	1-247-807-31 1-216-446-00	CARBON METAL OXIDE	18	5% 5%	1/4W 2W	F
R344	1-259-880-11	CARBON	2.2M	5%	1/4W		R625	1-249-424-11	CARBON	3.9K	5%	2 vv 1/4W	1
R351	1-249-393-11	CARBON	10	5%	1/4W		R626	1-249-420-11	CARBON	1.8K	5%	1/4W	
-1001				273	-/ - * * * *		R627	1-249-417-11	CARBON	1K	5%	1/4W	

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION			REMA	ARK	REF. NO.	PART NO.	DESCRIPTION			REMAR	RK
R628	1-249-417-11	CARBON	1K	5%	1/4W		R1207	1-249-437-11	CARBON	47K	5%	1/4W	
R629	1-249-399-11	CARBON	33	5%	1/4W		R1211	1-249-403-11	CARBON	68	5%	1/4W	
R632	1-249-381-11	CARBON	1	5%	1/4W		R1212	1-249-417-11	CARBON	1K	5%	1/4W	
R636	1-215-924-00	METAL OXIDE	15K	5%	3W	F							
R801	1-215-920-11	METAL OXIDE	3.3K	5%	3W	F	R1213	1-249-417-11	CARBON	1K	5%	1/4W	
D000	1 240 205 11	CARRON	2.2	50/	1 / 4557	Б	R1214	1-247-895-00	CARBON	470K	5%	1/4W	
R802	1-249-385-11	CARBON	2.2	5%	1/4W	F	R1215	1-247-895-00	CARBON	470K	5%	1/4W	
R803 R804	1-247-839-31 1-249-417-11	CARBON CARBON	2.2K 1K	5% 5%	1/4W 1/4W		R1216 R1217	1-247-895-00 1-247-823-31	CARBON CARBON	470K 470	5% 5%	1/4W 1/4W	
R805	1-249-417-11	CARBON	22K	5%	1/4W		K1217	1-247-825-31	CARDON	470	3%	1/4 VV	
R809	1-247-756-11	CARBON	2.2K 2.2K	5%	1/4W	F	R1219	1-247-855-31	CARBON	10K	5%	1/4W	
Rooy	1 247 730 11	CHILDOIN	2.21	370	1/2 **	1	R1220	1-249-417-11	CARBON	1K	5%	1/4W	
R811	1-216-343-00	METAL OXIDE	0.33	5%	1W	F	R1221	1-247-855-31	CARBON	10K	5%	1/4W	
R812	1-215-447-00	METAL	12K	1%	1/4W		R1226	1-249-436-11	CARBON	39K	5%	1/4W	
R816	1-249-435-11	CARBON	33K	5%	1/4W		R1227	1-249-436-11	CARBON	39K	5%	1/4W	
R820	1-249-419-11	CARBON	1.5K	5%	1/4W								
R821	1-215-911-11	METAL OXIDE	100	5%	3W	F	R1228	1-249-417-11	CARBON	1K	5%	1/4W	
							R1229	1-247-823-31	CARBON	470	5%	1/4W	
R822	1-216-429-00	METAL OXIDE	270	5%	1W	F	R1230	1-247-855-31	CARBON	10K	5%	1/4W	
R823	1-249-931-11	CARBON	2.2K	5%	1/4W		R1231	1-249-417-11	CARBON	1K	5%	1/4W	
R825	1-249-392-11	CARBON	8.2	5%	1/4W	F	R1232	1-249-424-11	CARBON	3.9K	5%	1/4W	
R826	1-249-422-11	CARBON	2.7K	5%	1/4W		D1000	1 247 920 21	CARRON	2.277	50/	1 /4337	
R827	1-249-440-11	CARBON	82K	5%	1/4W		R1233 R1234	1-247-839-31 1-249-436-11	CARBON CARBON	2.2K 39K	5% 5%	1/4W 1/4W	
R828	1-249-424-11	CARBON	3.9K	5%	1/4W		R1234 R1235	1-249-436-11	CARBON	39K 39K	5% 5%	1/4W 1/4W	
R829	1-249-424-11	CARBON	1.5K	5%	1/4W		R1233	1-249-430-11	CARBON	4.7	5%	1/4W	E
R831	1-249-419-11	METAL OXIDE	100	5%	1/4 W	F	R1240	1-247-807-31	CARBON	100	5%	1/4W	1.
R832	1-247-839-31	CARBON	2.2K	5%	1/4W	1	K1240	1-247-007-31	CARDON	100	5/0	1/7 **	
R834	1-247-855-31	CARBON	10K	5%	1/4W		R1241	1-249-417-11	CARBON	1K	5%	1/4W	
1100 .	12.7 000 01	CI II II OI (	1011	270	1, 1, 1,		R1243	1-247-807-31	CARBON	100	5%	1/4W	
R851	1-249-382-11	CARBON	1.2	5%	1/4W	F	R1246	1-249-411-11	CARBON	330	5%	1/4W	
R852	1-249-923-11	CARBON	1K	5%	1/4W	F	R1247	1-247-823-31	CARBON	470	5%	1/4W	
R853	1-249-377-11	CARBON	0.47	5%	1/4W	F	R1248	1-249-417-11	CARBON	1K	5%	1/4W	
R854	1-249-377-11	CARBON	0.47	5%	1/4W	F							
R855	1-202-818-00	SOLID	1K	20%	1/2W		R1249	1-247-823-31	CARBON	470	5%	1/4W	
							R1250	1-247-901-11	CARBON	820K	5%	1/4W	
R856	1-247-855-31	CARBON	10K	5%	1/4W		R1251	1-247-901-11	CARBON	820K	5%	1/4W	
R857	1-249-438-11	CARBON	56K	5%	1/4W	-	R1252	1-247-839-31	CARBON	2.2K	5%	1/4W	
R858	1-216-370-11	METAL OXIDE	1.2	5%	2W	F	R1253	1-249-418-11	CARBON	1.2K	5%	1/4W	
R860 R881	1-247-887-00 1-247-825-31	CARBON CARBON	220K 560	5% 5%	1/4W 1/4W		R1513	1-247-855-31	CARBON	10K	5%	1/4W	
K001	1-247-623-31	CARDON	300	3%	1/4 VV		R1513	1-247-833-31	CARBON	4.7K	5%	1/4W	
R882	1-249-422-11	CARBON	2.7K	5%	1/4W		R1514	1-247-807-31	CARBON	100	5%	1/4W	
R883	1-247-903-00	CARBON	1M	5%	1/4W		1015	1217 007 51	CHILDOIN	100	570	1/ 1 11	
R895	1-216-349-00	METAL OXIDE	1	5%	1W	F							
R898	1-247-839-31	CARBON	2.2K	5%	1/4W				<switch></switch>				
R902	1-247-847-31	CARBON	4.7K	5%	1/4W								
								1-571-433-31	SWITCH, PUSH (A	AC POWER)			
R904	1-247-847-31	CARBON	4.7K	5%	1/4W		S801	1-572-707-11	SWITCH, LEVER				
R905	1-249-417-11	CARBON	1K	5%	1/4W		S901	1-570-577-41	SWITCH, PUSH				
R906	1-249-417-11	CARBON	1K	5%	1/4W		S902	1-570-577-41	SWITCH, PUSH				
R907	1-249-420-11	CARBON	1.8K	5%	1/4W		S903	1-570-577-41	SWITCH, PUSH				
R908	1-249-420-11	CARBON	1.8K	5%	1/4W		5004	1 570 577 41	CWITCH DUCH				
R909	1-247-843-11	CARBON	3.3K	5%	1/4W		S904 S905	1-570-577-41 1-570-577-41	SWITCH, PUSH SWITCH, PUSH				
R910	1-247-843-11	CARBON	3.3K	5%	1/4W		3703	1-370-377-41	5 WITCH, I CSH				
R911	1-249-428-11	CARBON	8.2K	5%	1/4W								
R913	1-247-823-31	CARBON	470	5%	1/4W				<spark gap=""></spark>				
R914	1-247-823-31	CARBON	470	5%	1/4W				-				
							SG801	1-519-422-11	GAP, SPARK				
R915	1-249-428-11	CARBON	8.2K	5%	1/4W								
R1201	1-249-404-00	CARBON	82	5%	1/4W								
R1202	1-249-417-11	CARBON	1K	5%	1/4W				<surface td="" wave<=""><td>E FILTER&gt;</td><td></td><td></td><td></td></surface>	E FILTER>			
R1203	1-249-437-11	CARBON	47K	5%	1/4W		0	1 700 77: ::	EN DED OFFE				
R1204	1-249-437-11	CARBON	47K	5%	1/4W		SWF401	1-760-771-11	FILTER, SURFAC	E WAVE			
D1205	1 240 404 00	CADDOM	92	50/	1/4337								
R1205 R1206	1-249-404-00 1-249-437-11	CARBON CARBON	82 47K	5% 5%	1/4W 1/4W								
111200	2 217 TJ1-11	O. H.DOIT	1743	570	1/7/11		I						



REF. NO	D. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		`	REMARK
		<transformer< td=""><td></td><td></td><td></td><td>C052</td><td>1-136-165-00</td><td>FILM</td><td>0.1MF</td><td>5%</td><td>50V</td></transformer<>				C052	1-136-165-00	FILM	0.1MF	5%	50V
		< TRANSFORMER				C052	1-102-074-00	CERAMIC	0.001MF	10%	50V
T601	△ 1-429-137-21	TRANSFORMER,	CONVERTE	R (SRT)		C055	1-126-935-11	ELECT	470MF	20%	16V
	△ 1-431-383-21	TRANSFORMER,				C056	1-102-074-00	CERAMIC	0.001MF	10%	50V
T801	1-437-195-11	TRANSFORMER,	HORIZONTA	AL DRI	VE	C057	1-102-852-91	CERAMIC	47PF	5%	50V
T851	△ 1-453-193-21	TRANSFORMER A	SSY, FLYBA	CK (NX	(-1742//M3A)						
						C058	1-102-973-00	CERAMIC	100PF	5%	50V
						C059	1-102-973-00	CERAMIC	100PF	5%	50V
		<thermistor></thermistor>				C060	1-102-074-00	CERAMIC	0.001MF	10%	50V
						C061	1-125-800-51	ELECT	2.2MF	20%	63V
THP60	1.1-808-059-31	THERMISTOR, PO	OSITIVE			C072	1-126-935-11	ELECT	470MF	20%	16V
						G07.4	1 102 110 00	CED LA MC	22000	100/	5017
		THATED.				C074	1-102-110-00	CERAMIC	220PF	10%	50V
		<tuner></tuner>				C101	1-101-003-00	CERAMIC	0.0047MF	50/	50V
TDI 11 0.1	A 0.500.222.20	THE HOLDE	C 401			C102	1-136-165-00	FILM	0.1MF	5%	50V
10101	△ 8-598-323-30	TUNER, VSS BT-A	AG401			C105	1-125-806-51	ELECT	220MF	20%	16V
						C106	1-125-797-51	ELECT	10MF	20%	50V
		<crystal></crystal>				C108	1-125-807-51	ELECT	1000MF	20%	16V
		(CK151AL)				C108	1-102-125-00	CERAMIC	0.0047MF	10%	50V
X101	1-577-082-11	VIBRATOR, CERA	MIC			C103	1-102-123-00	CERAMIC	0.0047WIF	10%	50V
X300	1-411-752-11	COIL	AMIC			C111	1-102-074-00	CERAMIC	100PF	5%	50V
X358	1-567-505-11	OSCILLATOR, CR	VSTAI			C114	1-102-973-00	CERAMIC	100FF	0.5PF	
X443	1-567-504-11	OSCILLATOR, CR				CIII	1-102-947-00	CERAMIC	1011	0.311	30 <b>v</b>
A443	1-307-304-11	OSCILLATOR, CR	ISIAL			C116	1-136-165-00	FILM	0.1MF	5%	50V
						C117	1-102-973-00	CERAMIC	100PF	5%	50V
						C117	1-102-975-00	ELECT	22MF	20%	50V
*****	*******	*******	******	*****	*****	C119	1-136-153-00	FILM	0.01MF	5%	50V
						C120	1-130-493-00	MYLAR	0.068MF	5%	50V
						0120	1 130 173 00	1111111111	0.0001111	570	301
	* A-1298-518-A	A BOARD, COMP	LETE (KV-J2	21PF1)		C121	1-130-493-00	MYLAR	0.068MF	5%	50V
		******		,		C122	1-125-804-51	ELECT	100MF	20%	16V
						C124	1-136-165-00	FILM	0.1MF	5%	50V
	* 1-580-798-11	CONNECTOR PIN	(DY) 6P			C125	1-136-165-00	FILM	0.1MF	5%	50V
	* 3-691-950-11	SPACER, P.C.BOA	. ,			C233	1-125-794-51	ELECT	47MF	20%	16V
	4-382-854-11	SCREW (M3X10),	P, SW (+)								
						C234	1-125-794-51	ELECT	47MF	20%	16V
						C235	1-125-804-51	ELECT	100MF	20%	16V
		<capacitor></capacitor>				C236	1-126-949-11	ELECT	220MF	20%	35V
						C237	1-125-804-51	ELECT	100MF	20%	16V
C001	1-102-119-00	CERAMIC	0.0015MF	10%	50V	C238	1-137-188-51	FILM	0.15MF	5%	50V
C002	1-126-965-11	ELECT	22MF	20%	50V						
C004	1-125-800-51	ELECT	2.2MF	20%	63V	C239	1-125-804-51	ELECT	100MF	20%	16V
C007	1-125-798-51	ELECT	0.47MF	20%	63V	C240	1-137-188-51	FILM	0.15MF	5%	50V
C009	1-102-824-00	CERAMIC	470PF	5%	50V	C241	1-125-813-51	ELECT	1000MF	20%	25V
						C242	1-136-153-00	FILM	0.01MF	5%	50V
C010	1-136-157-00	FILM	0.022MF	5%	50V	C243	1-125-797-51	ELECT	10MF	20%	50V
C011	1-125-794-51	ELECT	47MF	20%	16V	·		DI D.C.	10000	• • •	257
C015	1-101-884-00	CERAMIC	56PF	5%	50V	C244	1-125-813-51	ELECT	1000MF	20%	25V
C016	1-101-884-00	CERAMIC	56PF	5%	50V	C246	1-128-551-11	ELECT	22MF	20%	25V
C017	1-102-973-00	CERAMIC	100PF	5%	50V	C247	1-125-813-51	ELECT	1000MF	20%	25V
C010	1 100 070 00	CEDANGC	100DE	E0/	5017	C253	1-125-804-51	ELECT	100MF	20%	16V
C018	1-102-973-00	CERAMIC	100PF	5%	50V	C254	1-136-153-00	FILM	0.01MF	5%	50V
C021	1-102-074-00	CERAMIC	0.001MF	10%	50V	G255	1 126 152 00	FIL 3.6	0.013.65	50/	5017
C022	1-102-074-00	CERAMIC	0.001MF	10%	50V	C255	1-136-153-00	FILM	0.01MF	5%	50V
C023	1-102-074-00	CERAMIC	0.001MF	10%	50V	C257	1-136-165-00	FILM	0.1MF	5%	50V
C024	1-102-074-00	CERAMIC	0.001MF	10%	50V	C258	1-136-165-00	FILM	0.1MF	5%	50V
C025	1 102 074 00	CEDAMIC	0.0013/02	100/	50V	C300	1-125-794-51	ELECT	47MF	20%	16V
C025	1-102-074-00	CERAMIC	0.001MF	10%	50V	C304	1-136-165-00	FILM	0.1MF	5%	50V
C026	1-102-074-00	CERAMIC	0.001MF	10%	50V	C305	1-136-165-00	FILM	0.1MF	5%	50V
C027	1-102-074-00	CERAMIC	0.001MF	10%	50V	C204	1 126 165 00	EII M	0.1ME	50/	50V
C034	1-136-165-00	FILM	0.1MF	5%	50V	C306	1-136-165-00	FILM	0.1MF	5%	50V
C042	1-102-973-00	CERAMIC	100PF	5%	50V	C307	1-136-165-00	FILM FILM	0.1MF	5% 5%	50V 50V
C044	1 102 072 00	CEDAMIC	100DE	50/	50V	C308	1-136-165-00		0.1MF	5% 5%	
	1-102-973-00	CERAMIC	100PF 100PF	5%	50V 50V	C309	1-136-165-00	FILM	0.1MF	5% 5%	50V
C046 C048	1-102-973-00 1-136-165-00	CERAMIC FILM	0.1MF	5% 5%	50V 50V	C310	1-136-165-00	FILM	0.1MF	5%	50V
C048 C049	1-136-165-00	FILM FILM	0.1MF 0.1MF	5% 5%	50V 50V	C311	1-102-951-00	CERAMIC	15PF	5%	50V
C049 C050	1-136-163-00	ELECT	0.1MF 1MF	5% 20%	50V 50V	C311	1-102-951-00	CERAMIC	15PF 15PF	5% 5%	50 V 50 V
C030	1-120-700-11	LLLC I	11/11	2070	JU V	C312	1-102-731-00	CERAMIC	1311	J 70	50 V

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

## A<sub>(KV-J21PF1)</sub>

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		ELECT	100ME	200/			1 161 920 00	CEDAMIC	0.0047ME	000/	
C313	1-125-804-51	ELECT	100MF	20%	16V	C605	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C314	1-102-121-00	CERAMIC	0.0022MF	10%	50V	C606	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C315	1-126-960-11	ELECT	1MF	20%	50V	C607	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C216	1 102 125 00	CERAMIC	0.0047MF	10%	50V	C608 C609	1-104-332-11	CERAMIC ELECT	470PF 100MF	10%	2KV 160V
C316 C319	1-102-125-00 1-136-165-00	FILM	0.0047MF 0.1MF	10% 5%	50V 50V	C609	1-124-347-00	ELECI	TOOMF	20%	100 V
C319 C320	1-136-165-00	FILM	0.1MF	5%	50V	C610	1-126-943-11	ELECT	2200MF	20%	25V
C320 C321	1-136-165-00	FILM	0.1MF	5%	50V 50V		1-120-943-11	CERAMIC	470PF	10%	400V
C323	1-101-880-00	CERAMIC	47PF	5%	50V	C612	1-102-228-00	CERAMIC	470FF 470PF	10%	500V
C323	1-101-000-00	CERAMIC	4/11	370	30 V	C613	1-102-228-00	CERAMIC	470PF	5%	50V
C324	1-125-800-51	ELECT	2.2MF	20%	63V	C614	1-126-943-11	ELECT	2200MF	20%	25V
C325	1-102-947-00	CERAMIC	10PF	0.5PF	50V	C014	1 120 743 11	LLLCI	2200111	2070	23 1
C326	1-102-949-00	CERAMIC	12PF	5%	50V	C616	1-102-228-00	CERAMIC	470PF	10%	500V
C327	1-102-947-00	CERAMIC	10PF	0.5PF		C618	1-102-114-00	CERAMIC	470PF	10%	50V
C328	1-136-153-00	FILM	0.01MF	5%	50V	C619	1-162-116-00	CERAMIC	680PF	10%	2KV
							△ 1-104-705-51	FILM	0.1MF	20%	250V
C329	1-130-478-00	MYLAR	0.0039MF	5%	50V	C622	1-107-368-11	MYLAR	0.047MF	99%	200V
C330	1-136-165-00	FILM	0.1MF	5%	50V						
C331	1-125-797-51	ELECT	10MF	20%	50V	C623	1-126-934-11	ELECT	220MF	20%	16V
C332	1-136-165-00	FILM	0.1MF	5%	50V	C624	1-126-767-11	ELECT	1000MF	20%	16V
C333	1-136-165-00	FILM	0.1MF	5%	50V	C625	1-102-074-00	CERAMIC	0.001MF	10%	50V
						C627	1-162-116-00	CERAMIC	680PF	10%	2KV
C334	1-102-123-00	CERAMIC	0.0033MF	10%	50V	C628	1-102-824-00	CERAMIC	470PF	5%	50V
C335	1-102-973-00	CERAMIC	100PF	5%	50V						
C336	1-125-797-51	ELECT	10MF	20%	50V	C630 A	1-164-497-51	CERAMIC	470PF	10%	400V
C337	1-125-804-51	ELECT	100MF	20%	16V	C631	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C339	1-101-361-00	CERAMIC	150PF	5%	50V		△ 1-164-497-51	CERAMIC	470PF	10%	400V
						C633	1-161-754-00	CERAMIC	0.001MF	10%	3KV
C340	1-102-074-00	CERAMIC	0.001MF	10%	50V	C634	1-102-114-00	CERAMIC	470PF	10%	50V
C341	1-102-973-00	CERAMIC	100PF	5%	50V						
C342	1-136-165-00	FILM	0.1MF	5%	50V	C801	1-123-024-21	ELECT	33MF		160V
C344	1-125-797-51	ELECT	10MF	20%	50V	C802	1-107-364-11	MYLAR	0.01MF	10%	200V
C349	1-125-797-51	ELECT	10MF	20%	50V	C804	1-102-074-00	CERAMIC	0.001MF	10%	50V
G250	1 105 004 51	DI DOM	1003.65	200/	1677	C805	1-102-244-00	CERAMIC	220PF	10%	500V
C359	1-125-804-51	ELECT	100MF	20%	16V	C806	1-126-960-11	ELECT	1MF	20%	50V
C361	1-102-074-00	CERAMIC	0.001MF 33PF	10%	50V 50V	C907	1 126 560 11	EILM	1.0ME	£0/	2007/
C362 C367	1-162-211-31	CERAMIC	0.1MF	5% 5%	50V 50V	C807 C808	1-136-569-11	FILM FILM	1.2MF	5% 5%	200V 400V
C368	1-136-165-00	FILM FILM	0.1MF	5% 5%	50V	C809	1-129-746-00 1-162-115-00	CERAMIC	0.039MF 330PF	10%	2KV
C306	1-136-165-00	LILIM	O. HVII	370	30 V	C810	1-102-113-00	MYLAR	0.0082MF	99%	200V
C369	1-136-165-00	FILM	0.1MF	5%	50V	C810	1-162-318-11	CERAMIC	0.0032WIF	10%	500V
C370	1-136-165-00	FILM	0.1MF	5%	50V	Corr	1-102-310-11	CLIVAIVIIC	0.0011111	1070	300 V
C374	1-126-967-11	ELECT	47MF	20%	50V	C812	1-136-081-00	FILM	0.012MF	3%	2KV
C375	1-126-967-11	ELECT	47MF	20%	50V	C816	1-107-636-11	ELECT	10MF	20%	160V
C402	1-136-153-00	FILM	0.01MF	5%	50V	C820	1-161-754-00	CERAMIC	0.001MF	10%	2KV
0.02	1 100 100 00	112111	0.011.11	270		C821	1-104-999-11	MYLAR	0.1MF	10%	200V
C403	1-126-968-11	ELECT	100MF	20%	50V	C822	1-136-111-00	FILM	1MF	5%	200V
C405	1-102-125-00	CERAMIC	0.0047MF	10%	50V						
C406	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C823	1-136-153-00	FILM	0.01MF	5%	50V
C407	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C825	1-107-364-11	MYLAR	0.01MF	10%	200V
C408	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C850	1-126-941-11	ELECT	470MF	20%	25V
						C852	1-104-574-11	CERAMIC	0.0047MF	10%	2KV
C410	1-102-961-00	CERAMIC	27PF	5%	50V	C853	1-162-318-11	CERAMIC	0.001MF	10%	500V
C411	1-101-888-00	CERAMIC	68PF	5%	50V						
C423	1-102-820-00	CERAMIC	330PF	5%	50V	C854	1-126-941-11	ELECT	470MF	20%	25V
C501	1-102-228-00	CERAMIC	470PF	10%	500V	C856	1-162-318-11	CERAMIC	0.001MF	10%	500V
C523	1-126-933-11	ELECT	100MF	20%	16V	C857	1-136-159-00	FILM	0.033MF	5%	50V
0540	1 104 222 22	MATERIA	0.13.45	1001	10077	C860	1-102-228-00	CERAMIC	470PF	10%	500V
C548	1-106-220-00	MYLAR	0.1MF	10%	100V	C861	1-107-654-11	ELECT	33MF	20%	250V
C551	1-126-948-11	ELECT	100MF	20%	35V	C075	1 120 572 11	ELECT	471ME	200/	10037
C552	1-126-948-11	ELECT	100MF	20%	35V	C875	1-128-562-11	ELECT MVI AD	47MF	20%	100V
C553 C554	1-102-127-00	CERAMIC	0.0068MF 220PF	10%	50V	C876 C891	1-107-369-11 1-102-116-00	MYLAR CERAMIC	0.068MF 680PF	10%	100V 50V
C334	1-102-244-00	CERAMIC	ZZUPF	10%	500V	C891 C898	1-102-116-00	MYLAR	0.01MF	10% 10%	50V 100V
C555	1-101-804-00	CERAMIC	10PF	5%	500V	C898 C901	1-137-130-11	CERAMIC	0.01MF 470PF	10% 5%	100 V 50 V
C562	1-101-804-00	ELECT	10PF 100MF	20%	300 V 16V	C901	1-102-024-00	CLIMIVIIC	7/011	J 70	30 ¥
C602	1-120-933-11	CERAMIC	0.0047MF	99%	500V	C902	1-102-824-00	CERAMIC	470PF	5%	50V
C603	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C1201	1-125-804-51	ELECT	100MF	20%	16V
C604	1-117-752-11	ELECT(BLOCK)	330MF	20%	450V	C1201	1-136-165-00	FILM	0.1MF	5%	50V
-001		(DDOON)		_0,0		2.202	50 100 00			270	

RN

**A** (KV-J21PF1)

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1203	1-136-165-00	FILM	0.1MF	5%	50V	D103	8-719-016-42	DIODE MC932	
C1204	1-125-804-51	ELECT	100MF	20%	16V	D251	8-719-911-19	DIODE 1SS119-25	
						D252	8-719-016-42	DIODE MC932	
C1205	1-136-165-00	FILM	0.1MF	5%	50V	D301	8-719-911-19	DIODE 188119-25	
C1206	1-136-165-00	FILM	0.1MF	5%	50V	D305	8-719-911-19	DIODE 1SS119-25	
C1210	1-125-804-51	ELECT	100MF	20%	16V	D306	8-719-911-19	DIODE 1SS119-25	
C1213 C1214	1-126-960-11	ELECT	1MF	20% 20%	50V 50V	D306 D307	8-719-911-19	DIODE 1SS119-25 DIODE 1SS119-25	
C1214	1-125-797-51	ELECT	10MF	20%	30 V	D307	8-719-109-54	DIODE RD2.2ESB2	
C1215	1-102-976-00	CERAMIC	180PF	5%	50V	D310	8-719-911-19	DIODE 1SS119-25	
C1216	1-136-173-00	FILM	0.47MF	5%	50V	D311	8-719-109-54	DIODE RD2.2ESB2	
C1217	1-125-804-51	ELECT	100MF	20%	16V				
C1218	1-102-976-00	CERAMIC	180PF	5%	50V	D312	8-719-110-08	DIODE RD8.2ESB2	
C1221	1-136-173-00	FILM	0.47MF	5%	50V	D315	8-719-121-24	DIODE RD9.1ESL	
						D351	8-719-908-03	DIODE GP08D	
C1226	1-125-806-51	ELECT	220MF	20%	16V	D399	8-719-121-24	DIODE RD9.1ESL	
C1230	1-136-165-00	FILM	0.1MF	5%	50V	D403	8-719-911-19	DIODE 1SS119-25	
C1259	1-102-127-00	CERAMIC	0.0068MF	10%	50V	D512	9 710 100 94	DIODE DD5 1ECD1	
C1260	1-102-127-00	CERAMIC	0.0068MF	10%	50V	D513 D551	8-719-109-84 8-719-908-03	DIODE RD5.1ESB1 DIODE GP08D	
C1513	1-126-968-11	ELECT	100MF	20%	50V	D551 D561	8-719-908-03	DIODE GF06D DIODE 1SS119-25	
						D501 D591	8-719-911-19	DIODE 1SS119-25	
		<filter></filter>				D601	8-719-510-53	DIODE D4SB60L	
		VI ILILIO							
CF55	1-567-099-00	FILTER, CERAMI	С			D604	8-719-301-64	DIODE RU4DS	
						D605	8-719-510-73	DIODE S3L20UF4	
						D606	8-719-510-73	DIODE S3L20UF4	
		<connector></connector>				D607	8-719-510-26	DIODE D1NL20-TA	
						D609	8-719-510-26	DIODE D1NL20-TA	
	1-560-124-00	PLUG, CONNECT	. ,	4P		DC10	9 710 510 26	DIODE DINI 20 TA	
	1-564-509-11	PLUG, CONNECT				D610 D611	8-719-510-26 8-719-510-26	DIODE D1NL20-TA DIODE D1NL20-TA	
	1-564-507-11	PLUG, CONNECTOR				D801	8-719-310-20	DIODE DINE20-1A DIODE ERC06-15S	
	1-580-843-11 1-508-786-00	PIN, CONNECTOR PIN, CONNECTOR		מכ ועי		D802	8-719-900-26	DIODE ERC00-133 DIODE ERD29-08J	
C11002	1-300-700-00	TIIV, CONNECTOR	X (SIVIIVI I I I C	.11) 21		D851	8-719-302-43	DIODE EL1Z	
CN603 *	1-508-786-00	PIN, CONNECTOR	R (5MM PITC	CH) 2P					
CN604	1-695-915-11	TAB (CONTACT)	(-	,		D852	8-719-028-72	DIODE RGP02-17EL-	6433
CN605	1-695-915-11	TAB (CONTACT)				D853	8-719-302-43	DIODE EL1Z	
CN606	1-695-915-11	TAB (CONTACT)				D855	8-719-302-43	DIODE EL1Z	
CN607	1-695-915-11	TAB (CONTACT)				D857	8-719-908-03	DIODE GP08D	
CD 7.610	4 505 045 44	mun (GO) mu om				D858	8-719-908-03	DIODE GP08D	
CN612	1-695-915-11	TAB (CONTACT)				D860	8-719-911-19	DIODE 1SS119-25	
CN613 CN614	1-695-915-11 1-695-915-11	TAB (CONTACT) TAB (CONTACT)				D800 D901	8-719-054-60	DIODE LNK02200220	Ç
	1-695-915-11	TAB (CONTACT)				D1201		DIODE RD9.1ESL	
CN851	1-508-766-00	PIN, CONNECTOR	R (5MM PITC	CH) 4P		D1202	8-719-121-24	DIODE RD9.1ESL	
011001	1 200 700 00	111, 00111,20101	(0111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		D1203	8-719-121-24	DIODE RD9.1ESL	
		<composition (<="" td=""><td>CIRCUIT BL</td><td>OCK&gt;</td><td></td><td>D1207</td><td>8-719-121-24</td><td>DIODE RD9.1ESL</td><td></td></composition>	CIRCUIT BL	OCK>		D1207	8-719-121-24	DIODE RD9.1ESL	
						D1208	8-719-121-24	DIODE RD9.1ESL	
CP001	1-233-747-11	CIRCUIT BLOCK,				D1504	8-719-911-19	DIODE ISS119-25	
CP002	1-233-749-11	CIRCUIT BLOCK,				D1505	8-719-109-81	DIODE RD4.7ESB2	
CP003	1-233-748-11	CIRCUIT BLOCK,							
CP004 CP005	1-233-750-11 1-233-749-11	CIRCUIT BLOCK, CIRCUIT BLOCK,						<fuse></fuse>	
C1 003	1 233 7 17 11	enteerr block,	COM OBIT	1011					
						F601 △	1-532-237-11	FUSE, TIME-LAG (B)	ET) 3.15A/250V
		<trimmer></trimmer>							
CTE	1 404 901 11	TDAD CERANGO						<ferrite bead=""></ferrite>	
CT55	1-404-801-11	TRAP, CERAMIC						\TERRITE DEAU>	
						FB101	1-410-397-21	FERRITE 1.	1UH
		<diode></diode>				FB102	1-410-397-21		1UH
		- <del></del>				FB251	1-410-397-21		1UH
D001	8-719-109-81	DIODE RD4.7ESB	2			FB601	1-410-397-21		1UH
D002	8-719-911-19	DIODE 1SS119-25				FB603	1-410-397-21	FERRITE 1.	1UH
D003	8-719-911-19	DIODE 1SS119-25							
D005	8-719-109-84	DIODE RD5.1ESB				FB610	1-410-396-41		45UH
D008	8-719-109-89	DIODE RD5.6ESB	2			FB612 FB801	1-410-397-21		1UH
					-	FB801	1-410-397-21	TERRITE I.	1UH

# A<sub>(KV-J21PF1)</sub>

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
							ngong .		
		<fuse clip=""></fuse>		Q210 Q301	8-729-029-92 8-729-029-66	TRANSISTOR DE			
FH01 FH02	1-533-223-11 1-533-223-11	CLIP, FUSE CLIP, FUSE		Q303	8-729-119-78	TRANSISTOR 2S	C2785 HEE		
FH02	1-333-223-11	CLIF, FUSE		Q303 Q402	8-729-119-76	TRANSISTOR 2S			
				Q406	8-729-119-76	TRANSISTOR 2S			
		<ic></ic>		Q408	8-729-119-78	TRANSISTOR 2S			
				Q409	8-729-119-76	TRANSISTOR 2S			
IC001	8-752-889-58	IC CXP85220A-055S							
IC002	8-759-805-37	IC L78LR05D-MA		Q414	8-729-119-78	TRANSISTOR 2S			
IC003 IC004	8-759-370-34 8-742-041-12	IC ST24C08FB6 HYB IC SBX1981-11(12)		Q561 Q801	8-729-200-17 8-729-140-50	TRANSISTOR 2S TRANSISTOR 2S			
IC004 IC102	8-759-157-40	IC UPC574J		Q801 Q802	8-729-140-30	TRANSISTOR 2S			
10102	0 757 157 40	10 01 03 / 40		Q821	8-729-209-15	TRANSISTOR 2S			
IC203	8-759-339-60	IC TA8248K							
IC300	8-759-365-26	IC TDA8375A		Q902	8-729-030-02	TRANSISTOR D			
IC351	8-759-288-85	IC TDA4665T-T		Q903	8-729-030-02	TRANSISTOR D			
IC521	8-759-195-63	IC PQ09RE11		Q1201	8-729-119-78	TRANSISTOR 2S			
IC551	8-759-801-98	IC LA7830		Q1202	8-729-119-78	TRANSISTOR 2S			
IC601	8-749-014-00	IC STR-S6707N		Q1203	8-729-119-78	TRANSISTOR 2S	C2/85-HFE		
IC601	8-749-921-89	IC SE115N		Q1204	8-729-119-76	TRANSISTOR 2S	A1175-HFF		
	∆ 8-749-010-64	PHOTO COUPLER PC123F2		Q1207	8-729-119-78	TRANSISTOR 2S			
IC801	8-759-145-58	IC UPC4558C		Q1208	8-729-119-78	TRANSISTOR 2S	C2785-HFE		
IC1210	8-759-145-58	IC UPC4558C		Q1209	8-729-119-78	TRANSISTOR 2S	C2785-HFE		
				Q1513	8-729-119-78	TRANSISTOR 2S	C2785-HFE		
		<jack></jack>							
		JACK				<resistor></resistor>			
J251	1-770-786-11	JACK							
J1201	1-770-661-11	JACK BLOCK, PIN 6P		R007	1-247-855-31	CARBON	10K	5%	1/4W
J1202	1-695-585-11	JACK BLOCK, PIN (L TYPE) 3P		R008	1-220-958-81	METAL	1K	5%	1/2W
				R010	1-220-958-81	METAL	1K	5%	1/2W
		CON		R012	1-249-401-11	CARBON	47	5%	1/4W
		<coil></coil>		R013	1-220-958-81	METAL	1K	5%	1/2W
L001	1-408-397-00	INDUCTOR 1UH		R015	1-247-825-31	CARBON	560	5%	1/4W
L002	1-410-509-51	INDUCTOR 10UH		R016	1-220-958-81	METAL	1K	5%	1/2W
L003	1-408-605-31	INDUCTOR 15UH		R017	1-220-961-81	METAL	2.2K	5%	1/2W
L101	1-410-470-11	INDUCTOR 10UH		R018	1-249-409-11	CARBON	220	5%	1/4W
L301	1-408-598-31	INDUCTOR 3.9UH		R019	1-247-883-00	CARBON	150K	5%	1/4W
L401	1-410-498-11	INDUCTOR 1.2UH		R021	1-247-847-31	CARBON	4.7K	5%	1/4W
L402	1-410-510-11	INDUCTOR 12UH		R025	1-220-961-81	METAL	2.2K	5%	1/2W
L406	1-410-507-11	INDUCTOR 6.8UH		R026	1-220-961-81	METAL	2.2K	5%	1/2W
L410	1-410-501-51	INDUCTOR 2.2UH		R027	1-247-847-31	CARBON	4.7K	5%	1/4W
L802	1-412-527-11	INDUCTOR 15UH		R028	1-247-807-31	CARBON	100	5%	1/4W
L804	1-459-075-00	INDUCTOR 0UH		R029	1-247-847-31	CARBON	4.7K	5%	1/4W
L805	1-459-769-13	COIL, HORIZONTAL LINEARITY		R031	1-220-958-81	METAL	1K	5%	1/2W
L807	1-459-390-00	INDUCTOR 0UH		R033	1-220-958-81	METAL	1K	5%	1/2W
L808	1-412-553-11	INDUCTOR 3.3MMH		R035	1-220-958-81	METAL	1K	5%	1/2W
L821	1-459-111-00	INDUCTOR 0UH		R036	1-220-958-81	METAL	1K	5%	1/2W
L850	1-408-947-00	INDUCTOR 2.2MMH		R038	1-249-409-11	CARBON	220	5%	1/4W
L030	1-400-247-00	INDUCTOR 2.2MMII		R040	1-249-409-11	CARBON	220	5%	1/4W
				R041	1-247-807-31	CARBON	100	5%	1/4W
		<transistor></transistor>		R042	1-249-412-11	CARBON	390	5%	1/4W
				R045	1-220-961-81	METAL	2.2K	5%	1/2W
Q030	8-729-119-78	TRANSISTOR 2SC2785-HFE						_	
Q108	8-729-119-78	TRANSISTOR 2SC2785-HFE		R047	1-247-807-31	CARBON	100	5%	1/4W
Q109	8-729-119-78	TRANSISTOR 2SC2785-HFE		R048	1-247-807-31	CARBON	100	5%	1/4W
Q110	8-729-119-78	TRANSISTOR 2SC2785-HFE		R053	1-220-961-81	METAL CARBON	2.2K 10K	5%	1/2W
Q202	8-729-119-76	TRANSISTOR 2SA1175-HFE		R054 R057	1-247-855-31 1-220-958-81	METAL	10K 1K	5% 5%	1/4W 1/2W
Q207	8-729-119-76	TRANSISTOR 2SA1175-HFE		1037	1 220 730-01	.,11111111	111	J /0	1/ 4 * *
Q208	8-729-030-02	TRANSISTOR DTC144ESA		R060	1-249-411-11	CARBON	330	5%	1/4W
Q209	8-729-029-92	TRANSISTOR DTC143ESA		R061	1-220-961-81	METAL	2.2K	5%	1/2W
				I					



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		(	REMA	RK
D0/2	1 220 071 91	METAL	2.21/	50/	1/2W	D222	1 240 424 11	CARRON	271/	50/	1/4W	
R062 R063	1-220-961-81 1-220-961-81	METAL METAL	2.2K 2.2K	5% 5%	1/2W 1/2W	R322 R326	1-249-434-11 1-249-424-11	CARBON CARBON	27K 3.9K	5% 5%	1/4W 1/4W	
R065	1-249-409-11	CARBON	220	5%	1/4W					-,-	-,	
						R330	1-247-825-31	CARBON	560	5%	1/4W	
R066	1-249-409-11	CARBON	220	5%	1/4W	R331	1-247-897-11	CARBON	560K	5%	1/4W	
R068 R071	1-247-807-31 1-249-411-11	CARBON CARBON	100 330	5% 5%	1/4W 1/4W	R332 R335	1-249-409-11 1-247-855-31	CARBON CARBON	220 10K	5% 5%	1/4W 1/4W	
R076	1-247-807-31	CARBON	100	5%	1/4W	R336	1-220-961-81	METAL	2.2K	5%	1/4W	
R077	1-247-807-31	CARBON	100	5%	1/4W							
						R339	1-215-408-00	METAL	300	1%	1/4W	
R090	1-247-855-31	CARBON	10K	5%	1/4W	R340	1-249-411-11	CARBON	330	5%	1/4W	
R101 R102	1-247-847-31 1-220-958-81	CARBON METAL	4.7K 1K	5% 5%	1/4W 1/2W	R341 R344	1-220-958-81 1-259-880-11	METAL CARBON	1K 2.2M	5% 5%	1/2W 1/4W	
R102	1-249-433-11	CARBON	22K	5%	1/4W	R351	1-249-393-11	CARBON	10	5%	1/4W	
R114	1-247-823-31	CARBON	470	5%	1/4W	1001	1 2 17 373 11	CIMBOIT	10	570	1/ 111	
						R355	1-249-393-11	CARBON	10	5%	1/4W	
R115	1-249-433-11	CARBON	22K	5%	1/4W	R356	1-220-958-81	METAL	1K	5%	1/2W	
R116	1-249-433-11	CARBON	22K	5%	1/4W	R360	1-259-884-11	CARBON	4.7M	5%	1/4W	
R117 R118	1-249-433-11 1-249-433-11	CARBON CARBON	22K 22K	5% 5%	1/4W 1/4W	R403 R406	1-220-946-81 1-247-847-31	METAL CARBON	68 4.7K	5% 5%	1/2W 1/4W	
R119	1-249-433-11	METAL	1.8K	5%	1/4 W 1/2W	K400	1-247-047-31	CARBON	4./K	370	1/4 VV	
	1 220 700 01		1.011	270	1/2 **	R407	1-249-424-11	CARBON	3.9K	5%	1/4W	
R120	1-247-891-00	CARBON	330K	5%	1/4W	R408	1-220-960-81	METAL	1.8K	5%	1/2W	
R131	1-216-464-11	METAL OXIDE	18K	5%	2W F	R409	1-247-807-31	CARBON	100	5%	1/4W	
R180	1-249-409-11	CARBON	220	5%	1/4W	R414	1-247-823-31	CARBON	470	5%	1/4W	
R181 R182	1-249-409-11 1-249-409-11	CARBON CARBON	220 220	5% 5%	1/4W 1/4W	R416	1-249-409-11	CARBON	220	5%	1/4W	
K102	1-249-409-11	CARBON	220	370	1/ <b>4 vv</b>	R419	1-220-958-81	METAL	1K	5%	1/2W	
R240	1-249-410-11	CARBON	270	5%	1/4W	R420	1-249-412-11	CARBON	390	5%	1/4W	
R242	1-249-410-11	CARBON	270	5%	1/4W	R421	1-249-409-11	CARBON	220	5%	1/4W	
R243	1-247-855-31	CARBON	10K	5%	1/4W	R424	1-220-961-81	METAL	2.2K	5%	1/2W	
R244	1-247-855-31	CARBON	10K	5%	1/4W	R425	1-249-412-11	CARBON	390	5%	1/4W	
R245	1-249-426-11	CARBON	5.6K	5%	1/4W	R426	1-249-407-11	CARBON	150	5%	1/4W	
R246	1-249-426-11	CARBON	5.6K	5%	1/4W	R420 R429	1-249-407-11	CARBON	390	5%	1/4W	
R247	1-220-959-81	METAL	1.5K	5%	1/2W	R433	1-249-433-11	CARBON	22K	5%	1/4W	
R248	1-220-959-81	METAL	1.5K	5%	1/2W	R434	1-247-823-31	CARBON	470	5%	1/4W	
R249	1-220-958-81	METAL	1K	5%	1/2W	R438	1-247-823-31	CARBON	470	5%	1/4W	
R250	1-220-958-81	METAL	1K	5%	1/2W	D 440	1 240 407 11	CARRON	150	50/	1 /4337	
R252	1-249-411-11	CARBON	330	5%	1/4W	R440 R521	1-249-407-11 1-249-417-11	CARBON CARBON	150 1K	5% 5%	1/4W 1/4W	
R253	1-247-855-31	CARBON	10K	5%	1/4W	R552	1-247-883-00	CARBON	150K	5%	1/4W	
R254	1-249-389-11	CARBON	4.7	5%	1/4W	R553	1-249-433-11	CARBON	22K	5%	1/4W	
R255	1-249-389-11	CARBON	4.7	5%	1/4W	R554	1-102-074-00	CERAMIC	0.001MF	10%	50V	
R256	1-249-411-11	CARBON	330	5%	1/4W							
D264	1 240 421 11	CARBON	1 <i>5V</i>	50/	1 /4337	R555	1-247-855-31	CARBON	10K 1K	5%	1/4W	
R264 R265	1-249-431-11 1-249-431-11	CARBON	15K 15K	5% 5%	1/4W 1/4W	R556 R557	1-249-417-11 1-249-420-11	CARBON CARBON	1.8K	5% 5%	1/4W 1/4W	
R266	1-249-431-11	CARBON	47K	5%	1/4W	R561	1-247-839-31	CARBON	2.2K	5%	1/4W	
R303	1-247-807-31	CARBON	100	5%	1/4W	R562	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R304	1-247-807-31	CARBON	100	5%	1/4W							
						R563	1-260-126-11	CARBON	180K	5%	1/2W	
R305	1-247-807-31 1-247-807-31	CARBON	100	5%	1/4W	R564	1-249-438-11	CARBON	56K	5%	1/4W	
R306 R307	1-247-807-31	CARBON CARBON	100 100	5% 5%	1/4W 1/4W	R565 R566	1-249-438-11 1-247-847-31	CARBON CARBON	56K 4.7K	5% 5%	1/4W 1/4W	
R308	1-249-409-11	CARBON	220	5%	1/4W	R569	1-260-354-71	CARBON	150K	5%	1/2W	
R309	1-249-409-11	CARBON	220	5%	1/4W							
						R571	1-249-409-11	CARBON	220	5%	1/4W	
R310	1-249-441-11	CARBON	100K	5%	1/4W	R601	1-202-961-11	CEMENTED	1.8	5%	10W	
R311 R312	1-249-430-11 1-247-807-31	CARBON	12K 100	5% 5%	1/4W 1/4W	R602	1-202-961-11 1-215-915-11	CEMENTED METAL OVIDE	1.8 470	5% 5%	10W 3W	F
R312 R313	1-247-807-31	CARBON METAL	3.3K	5% 5%	1/4 W 1/2W	R606 R610	1-215-915-11	METAL OXIDE METAL OXIDE	470 15K	5% 5%	3W 3W	r F
R318	1-220-978-81	METAL	120K	5%	1/2W	1010	1 210 727 00	LIIIL OMDL	1311	570	511	•
						R611	1-202-933-61	FUSIBLE	0.1	10%	1/2W	
R319	1-259-877-11	CARBON	1.2M	5%	1/4W	R612	1-249-377-11	CARBON	0.47	5%	1/4W	
R320	1-249-434-11	CARBON	27K	5%	1/4W	R613	1-249-377-11	CARBON	0.47	5%	1/4W	
R321	1-215-459-00	METAL	39K	1%	1/4W	R614 R615	1-215-877-11 1-249-401-11	METAL OXIDE CARBON	22K 47	5% 5%	1W 1/4W	F
						KUIS	1-247-401-11	CAMBON	+/	J70	1/4 VV	

A<sub>(KV-J21PF1)</sub>

REF. NO.	PART NO.	DESCRIPTION			REMA	ARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R616	1-247-289-00	CARBON	8.2M	5%	1W		R911	1-249-428-11	CARBON	8.2K	5%	1/4W
R617	1-215-924-00	METAL OXIDE	15K	5%	3W	F	R913	1-247-823-31	CARBON	470	5%	1/4W
R618	1-249-377-11	CARBON	0.47	5%	1/4W		R914	1-247-823-31	CARBON	470	5%	1/4W
R619	1-249-377-11	CARBON	0.47	5%	1/4W	F						
R622	1-217-192-21	METAL	0.22	10%	2W		R915	1-249-428-11	CARBON	8.2K	5%	1/4W
D.C22	1 247 907 21	CARRON	100	£0/	1 /4337		R1201	1-249-404-00	CARBON	82 11/2	5%	1/4W
R623 R624	1-247-807-31 1-216-446-00	CARBON METAL OXIDE	100 18	5% 5%	1/4W 2W	F	R1202 R1203	1-220-958-81 1-249-437-11	METAL CARBON	1K 47K	5% 5%	1/2W 1/4W
R625	1-249-424-11	CARBON	3.9K	5%	1/4W	Г	R1203	1-249-437-11	CARBON	47K 47K	5%	1/4W
R626	1-249-420-11	CARBON	1.8K	5%	1/4W		K1204	1-249-437-11	CARBON	4/IX	370	1/4 **
R627	1-249-417-11	CARBON	1K	5%	1/4W		R1205	1-249-404-00	CARBON	82	5%	1/4W
				-,-	-,		R1206	1-249-437-11	CARBON	47K	5%	1/4W
R628	1-249-417-11	CARBON	1K	5%	1/4W		R1207	1-249-437-11	CARBON	47K	5%	1/4W
R629	1-249-399-11	CARBON	33	5%	1/4W		R1211	1-220-946-81	METAL	68	5%	1/2W
R632	1-249-381-11	CARBON	1	5%	1/4W		R1212	1-220-958-81	METAL	1K	5%	1/2W
R636	1-215-924-00	METAL OXIDE	15K	5%	3W	F						
R801	1-215-920-11	METAL OXIDE	3.3K	5%	3W	F	R1213	1-220-958-81	METAL	1K	5%	1/2W
						_	R1214	1-247-895-00	CARBON	470K	5%	1/4W
R802	1-249-385-11	CARBON	2.2	5%	1/4W	F	R1215	1-247-895-00	CARBON	470K	5%	1/4W
R803	1-247-839-31	CARBON	2.2K	5%	1/4W		R1216	1-247-895-00	CARBON	470K	5%	1/4W
R804 R805	1-249-417-11 1-249-433-11	CARBON CARBON	1K 22K	5% 5%	1/4W 1/4W		R1217	1-247-823-31	CARBON	470	5%	1/4W
R809	1-249-433-11	CARBON	2.2K 2.2K	5%	1/4 W	E	R1219	1-247-855-31	CARBON	10K	5%	1/4W
Rooy	1-247-730-11	CARDON	2.2IX	370	1/2 **	1	R1219	1-220-958-81	METAL	1K	5%	1/2W
R811	1-216-343-00	METAL OXIDE	0.33	5%	1W	F	R1221	1-247-855-31	CARBON	10K	5%	1/4W
R812	1-215-447-00	METAL	12K	1%	1/4W	•	R1226	1-220-964-81	METAL	39K	5%	1/2W
R816	1-249-435-11	CARBON	33K	5%	1/4W		R1227	1-220-964-81	METAL	39K	5%	1/2W
R820	1-249-419-11	CARBON	1.5K	5%	1/4W							
R821	1-215-911-11	METAL OXIDE	100	5%	3W	F	R1228	1-220-958-81	METAL	1K	5%	1/2W
							R1229	1-247-823-31	CARBON	470	5%	1/4W
R822	1-216-429-00	METAL OXIDE	270	5%	1W	F	R1230	1-247-855-31	CARBON	10K	5%	1/4W
R823	1-249-931-11	CARBON	2.2K	5%	1/4W	F	R1231	1-220-958-81	METAL	1K	5%	1/2W
R825	1-249-392-11	CARBON	8.2	5%	1/4W	F	R1232	1-249-424-11	CARBON	3.9K	5%	1/4W
R826	1-249-422-11	CARBON	2.7K	5%	1/4W		D1222	1 220 061 91	METAI	2.21/	E0/	1 /2337
R827	1-249-440-11	CARBON	82K	5%	1/4W		R1233 R1234	1-220-961-81 1-220-964-81	METAL METAL	2.2K 39K	5% 5%	1/2W 1/2W
R828	1-249-424-11	CARBON	3.9K	5%	1/4W		R1234 R1235	1-220-964-81	METAL	39K	5%	1/2W 1/2W
R829	1-249-419-11	CARBON	1.5K	5%	1/4W		R1239	1-249-389-11	CARBON	4.7	5%	1/4W F
R831	1-215-863-11	METAL OXIDE	100	5%	1W	F	R1240	1-247-807-31	CARBON	100	5%	1/4W
R832	1-247-839-31	CARBON	2.2K	5%	1/4W							
R834	1-247-855-31	CARBON	10K	5%	1/4W		R1241	1-220-958-81	METAL	1K	5%	1/2W
							R1243	1-247-807-31	CARBON	100	5%	1/4W
R851	1-249-382-11	CARBON	1.2	5%	1/4W		R1246	1-249-411-11	CARBON	330	5%	1/4W
R852	1-249-923-11	CARBON	1K	5%	1/4W		R1247	1-247-823-31	CARBON	470	5%	1/4W
R853	1-249-377-11	CARBON	0.47	5%	1/4W		R1248	1-220-958-81	METAL	1K	5%	1/2W
R854	1-249-377-11	CARBON	0.47	5%	1/4W	F	D1240	1 247 922 21	CARRON	470	50/	1 /4337
R855	1-202-818-00	SOLID	1K	20%	1/2W		R1249 R1250	1-247-823-31 1-247-901-11	CARBON CARBON	470 820K	5% 5%	1/4W 1/4W
R856	1-247-855-31	CARBON	10K	5%	1/4W		R1250 R1251	1-247-901-11	CARBON	820K 820K	5% 5%	1/4 W 1/4W
R857	1-249-438-11	CARBON	56K	5%	1/4W		R1251	1-220-961-81	METAL	2.2K	5%	1/4W 1/2W
R858	1-216-370-11	METAL OXIDE	1.2	5%	2W	F	R1253	1-249-418-11	CARBON	1.2K	5%	1/4W
R860	1-247-887-00	CARBON	220K	5%	1/4W							• •
R881	1-247-825-31	CARBON	560	5%	1/4W		R1513	1-247-855-31	CARBON	10K	5%	1/4W
							R1514	1-247-847-31	CARBON	4.7K	5%	1/4W
R882	1-249-422-11	CARBON	2.7K	5%	1/4W		R1515	1-247-807-31	CARBON	100	5%	1/4W
R883	1-247-903-00	CARBON	1M	5%	1/4W							
R895	1-216-349-00	METAL OXIDE	1	5%	1W	F			a			
R898	1-247-839-31	CARBON	2.2K	5%	1/4W				<switch></switch>			
R902	1-247-847-31	CARBON	4.7K	5%	1/4W		S < 0.1 A	1 571 422 21	CWITCH DUCK	AC DOWED		
R904	1-247-847-31	CARBON	4.7K	5%	1/4W		S601 <u>△</u> S801	1-571-433-31	SWITCH, PUSH (A SWITCH, LEVER			
R904 R905	1-247-847-31	METAL	4.7K 1K	5% 5%	1/4 W 1/2W		S901	1-570-577-41	SWITCH, LEVER SWITCH, PUSH			
R906	1-220-958-81	METAL	1K 1K	5%	1/2W		S902	1-570-577-41	SWITCH, PUSH			
R907	1-220-960-81	METAL	1.8K	5%	1/2W		S903	1-570-577-41	SWITCH, PUSH			
R908	1-220-960-81	METAL	1.8K	5%	1/2W							
							S904	1-570-577-41	SWITCH, PUSH			
R909	1-220-963-81	METAL	3.3K	5%	1/2W		S905	1-570-577-41	SWITCH, PUSH			
R910	1-220-963-81	METAL	3.3K	5%	1/2W							
							1					

### **A** (KV-J21PF1) **A**3 (KV-J21MN1AK only)

REF. NO. PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	<spark gap=""></spark>		C1222 C1223	1-164-004-11 1-164-004-11	CERAMIC CHIP CERAMIC CHIP	0.1MF 0.1MF	10% 10%	25V 25V
SG801 1-519-422-11	GAP, SPARK							
			C1224 C1225	1-164-004-11 1-163-093-00	CERAMIC CHIP CERAMIC CHIP	0.1MF 10PF	10% 5%	25V 50V
	<surface filter="" wave=""></surface>		C1225	1-163-093-00	CERAMIC CHIP	0.001MF	10%	50V 50V
			C1227	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
SWF401 1-577-169-12	SAWF		C1228	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
			C1229	1-126-157-11	ELECT	10MF	20%	16V
	<transformer></transformer>		C1230	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
T601	TRANSFORMER, CONVERTER (SRT	\	C1231 C1232	1-126-157-11 1-124-234-00	ELECT ELECT	10MF 22MF	20% 20%	16V 16V
T605 \( \Delta \) 1-431-383-21	TRANSFORMER, LINE FILTER	,	C1232	1-124-234-00	ELECT	3.3MF	20%	50V
T801 1-437-195-11	TRANSFORMER, HORIZONTAL DRI	VE						
T851	TRANSFORMER ASSY, FLYBACK		C1234	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
			C1235 C1236	1-163-005-11 1-163-005-11	CERAMIC CHIP CERAMIC CHIP	470PF 470PF	10% 10%	50V 50V
	<thermistor></thermistor>		C1237	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
			C1238	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
THP601△1-808-059-31	THERMISTOR, POSITIVE		C1220	1 100 157 11	ELECT	10ME	200/	101
			C1239 C1240	1-126-157-11 1-164-222-11	ELECT CERAMIC CHIP	10MF 0.22MF	20%	16V 25V
	<tuner></tuner>		C1240	1-104-222-11	ELECT	47MF	20%	25 V 16 V
			C1242	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V
TU101 A 8-598-323-30	TUNER, VSS BT-AG401		C1243	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
			C1244	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
	<crystal></crystal>		C1244 C1245	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V 50V
	CRIBILLS		C1246	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
X101 1-577-082-11	VIBRATOR, CERAMIC		C1247	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
X300 1-411-752-11	COIL		C1248	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
X358 1-567-505-11	OSCILLATOR, CRYSTAL							
X443 1-567-504-11	OSCILLATOR, CRYSTAL		C1250	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
			C1252	1-216-295-91	SHORT	0		
			C1253 C1254	1-216-295-91 1-124-234-00	SHORT ELECT	0 22MF	20%	16V
*******	**********	*****	C1254	1-124-234-00	ELECT	100MF	20%	10V 10V
4 1000 550 A	AA DO ADD GOMEN ETTE WAY 1913 BU	117 0211170	C1256	1-164-005-11	CERAMIC CHIP	0.47MF		25V
A-1298-553-A	A3 BOARD, COMPLETE (KV-J21MN1 ***********************************	AK ONLY)	C1257	1-164-222-11	CERAMIC CHIP	0.22MF		25V
			C1258 C1260	1-163-033-91 1-163-251-11	CERAMIC CHIP CERAMIC CHIP	0.022MF 100PF	5%	50V 50V
			C1261	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
	<capacitor></capacitor>		C1262	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1201 1-164-232-11	CERAMIC CHIP 0.01MF 10%	50V	C1263 C1264	1-163-137-00 1-163-251-11	CERAMIC CHIP	680PF 100PF	5% 5%	50V 50V
C1201 1-164-232-11 C1202 1-164-004-11	CERAMIC CHIP 0.01MF 10% CERAMIC CHIP 0.1MF 10%	50V 25V	C1264 C1265	1-105-231-11	CERAMIC CHIP ELECT	22MF	20%	16V
C1205 1-163-017-00	CERAMIC CHIP 0.0047MF 10%	50V	C1266	1-125-794-51	ELECT	47MF	20%	16V
C1206 1-163-017-00	CERAMIC CHIP 0.0047MF 10%	50V						
C1207 1-164-232-11	CERAMIC CHIP 0.01MF 10%	50V	C1267	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1200 1 162 002 00	CED AMIC CHIP 1DE 0.25D	E 50V	C1268	1-124-584-00	ELECT	100MF	20%	10V
C1208 1-163-083-00 C1209 1-163-109-00	CERAMIC CHIP 1PF 0.25P CERAMIC CHIP 47PF 5%	F 50V 50V						
C1210 1-163-017-00	CERAMIC CHIP 0.0047MF 10%	50V			<connector></connector>			
C1211 1-124-584-00	ELECT 100MF 20%	10V						
C1212 1-163-017-00	CERAMIC CHIP 0.0047MF 10%	50V	CN1201	1-691-109-11	PLUG (L TYPE) 1	2P		
C1213 1-126-151-11	ELECT 4.7MF 20%	16V						
C1214 1-163-017-00	CERAMIC CHIP 0.0047MF 10%	50V			<diode></diode>			
C1215 1-164-232-11	CERAMIC CHIP 0.01MF 10%	50V						
C1216 1-125-798-51	ELECT 0.47MF 20%	63V	D1201	8-719-908-03	DIODE GP08D			
C1217 1-163-033-91	CERAMIC CHIP 0.022MF	50V						
C1218 1-164-232-11	CERAMIC CHIP 0.01MF 10%	50V			<ferrite bead<="" td=""><td>&gt;</td><td></td><td></td></ferrite>	>		
C1219 1-124-584-00	ELECT 100MF 20%	10V						
C1221 1-164-004-11	CERAMIC CHIP 0.1MF 10%	25V		1-412-911-31	FERRITE	0UH		
			FB1202	1-412-911-31	FERRITE	0UH		

RM-883

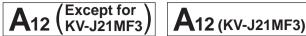
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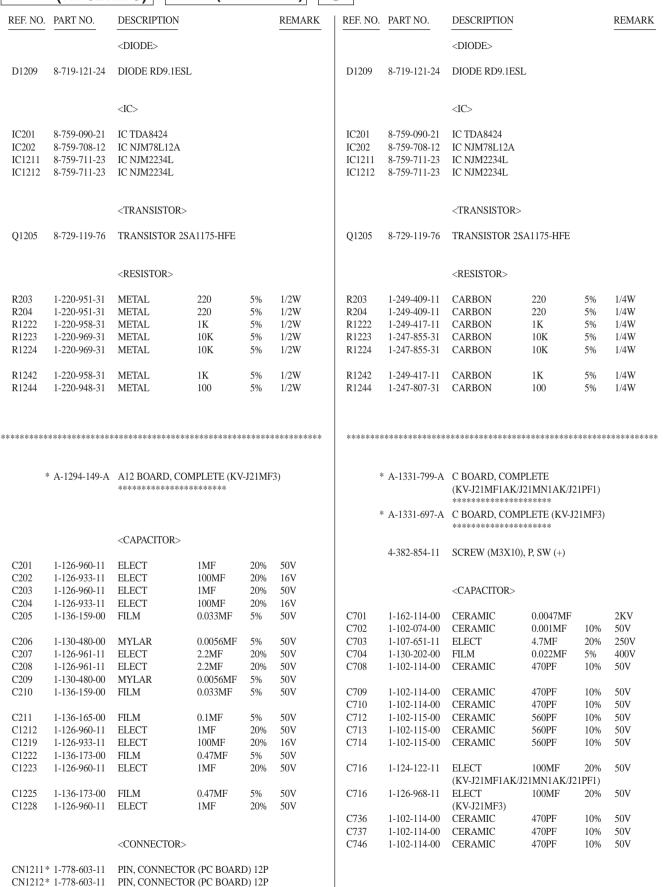
REF. NO.	PART NO.	DESCRIPTION	_		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
FB1203	1-412-911-31	FERRITE	0UH			R1207	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
FB1204	1-412-911-31	FERRITE	0UH			R1209	1-216-035-00	RES,CHIP	270	5%	1/10W
FB1205	1-412-911-31	FERRITE	0UH			R1210	1-216-041-00	RES,CHIP	470	5%	1/10W
						R1211	1-216-015-00	RES,CHIP	39	5%	1/10W
FB1206	1-412-911-31	FERRITE	0UH			R1212	1-216-097-91	RES,CHIP	100K	5%	1/10W
						R1213	1-216-097-91	RES,CHIP	100K	5%	1/10W
		<filter></filter>				R1214	1-216-033-00	RES,CHIP	220	5%	1/10W
FL1201	1-239-803-11	ENCAPSULATED	COMPONEN	TT		R1217 R1218	1-216-073-00 1-216-049-91	RES,CHIP RES,CHIP	10K 1K	5% 5%	1/10W 1/10W
FL1201	1-239-603-11	ENCAPSULATED	COMPONE	N I		R1218	1-216-049-91	RES,CHIP	820	5%	1/10W 1/10W
								,		- / -	-, - ,
		<ic></ic>				R1220	1-216-049-91	RES,CHIP	1K	5%	1/10W
TC1201	0.752.050.57	IC CWA1110DC				R1223	1-216-051-00	RES,CHIP	1.2K	5%	1/10W
IC1201 IC1202	8-752-059-57 8-759-429-98	IC CXA1110BS IC MSP3410B-PP-	F7			R1224 R1225	1-216-059-00 1-216-059-00	RES,CHIP RES,CHIP	2.7K 2.7K	5% 5%	1/10W 1/10W
IC1202 IC1203	8-759-231-53	IC TA7805S	1.1			R1225	1-216-295-91	SHORT	0	370	1/10 W
						R1227	1-216-295-91	SHORT	0		
		<chip conduct<="" td=""><td>OR&gt;</td><td></td><td></td><td>R1228</td><td>1-216-049-91</td><td>RES,CHIP</td><td>1K</td><td>5%</td><td>1/10W</td></chip>	OR>			R1228	1-216-049-91	RES,CHIP	1K	5%	1/10W
JR1	1 216 205 01	SHORT	0			R1229 R1230	1-216-069-00 1-216-069-00	RES,CHIP RES,CHIP	6.8K 6.8K	5%	1/10W 1/10W
JR1 JR2	1-216-295-91 1-216-295-91	SHORT	0			R1230	1-216-069-00	RES,CHIP	0.8K 1K	5% 5%	1/10W 1/10W
JR3	1-216-295-91	SHORT	0			K1231	1-210-047-71	KL5,CIII	110	370	1/10**
JR4	1-216-295-91	SHORT	0			R1232	1-216-027-00	RES,CHIP	120	5%	1/10W
JR5	1-216-295-91	SHORT	0			R1233	1-216-045-00	RES,CHIP	680	5%	1/10W
						R1234	1-216-045-00	RES,CHIP	680	5%	1/10W
JR6	1-216-295-91	SHORT	0			R1240	1-216-041-00	RES,CHIP	470	5%	1/10W
JR7	1-216-295-91	SHORT	0			R1241	1-216-075-00	RES,CHIP	12K	5%	1/10W
JR8 JR9	1-216-295-91	SHORT	0			D1242	1 216 027 00	RES,CHIP	120	5%	1/10W
JR9 JR10	1-216-295-91 1-216-295-91	SHORT SHORT	0			R1242 R1243	1-216-027-00 1-216-037-00	RES,CHIP	330	5%	1/10W 1/10W
JICIO	1 210 2/3 /1	SHORI	· ·			R1244	1-216-059-00	RES,CHIP	2.7K	5%	1/10W
JR11	1-216-295-91	SHORT	0			R1245	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
						R1246	1-260-306-51	CARBON	15	5%	1/2W
		<coil></coil>									
		<coil></coil>						<switch></switch>			
L1201	1-408-399-00	INDUCTOR	1.5UH								
L1202	1-412-010-41	INDUCTOR CHIP				SW1201	1-579-560-11	FILTER, SAWTO			
L1203	1-408-602-11	INDUCTOR	8.2UH			SW1202	1-579-559-11	FILTER, SAWTO	OTH WAVE		
L1204	1-408-591-11	INDUCTOR	1UH								
L1205	1-408-602-11	INDUCTOR	8.2UH					<transforme< td=""><td>R&gt;</td><td></td><td></td></transforme<>	R>		
L1206	1-412-951-11	INDUCTOR	10UH								
L1207	1-412-951-11	INDUCTOR	10UH			T1202	1-416-000-11	COIL			
		<transistor></transistor>						<crystal></crystal>			
01201	0.720.220.40	TD ANGIOTOD AG	22712 37			V1201	1 760 004 11	VIDDATOR CRY	CTAI		
Q1201 Q1203	8-729-230-49 8-729-266-92	TRANSISTOR 2SO TRANSISTOR 2SO				X1201	1-760-094-11	VIBRATOR, CRY	SIAL		
Q1205 Q1205	8-729-200-92	TRANSISTOR 2SA									
Q1206	8-729-216-22	TRANSISTOR 2SA									
Q1207	8-729-230-49	TRANSISTOR 2SO				******	******	*******	******	*****	*****
01011	0 700 000 40	TD ANGIOTOD AG	22712 3/2								
Q1211 Q1212	8-729-230-49 8-729-230-49	TRANSISTOR 2SO TRANSISTOR 2SO									
V1212	5 127 230 <del>-4</del> 7	111 11 10 10 10 10 20 C	-2,12 10								
		<resistor></resistor>									
		∠KE9101OK>									
R1201	1-216-022-00	RES,CHIP	75	5%	1/10W						
R1202	1-216-085-00	RES,CHIP	33K	5%	1/10W						
R1203	1-216-081-00	RES,CHIP	22K	5%	1/10W						
R1204 R1205	1-216-035-00 1-216-027-00	RES,CHIP RES,CHIP	270 120	5% 5%	1/10W 1/10W						
K1203	1-410-04/-00	кьэ,спіг	120	J 70	1/10 99						

A11 A12 (Except for KV-J21MF3)

									•		
REF. NO	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	* A-1294-197-A	A11 BOARD, COM (KV-J21MF1AK/J2			Q411 Q412	8-729-119-78 8-729-119-78	TRANSISTOR 2S				
	* A-1293-714-A	A11 BOARD, COM	-J21MF	3)	Q413 Q415 Q416 Q418	8-729-029-92 8-729-029-92 8-729-119-78 8-729-029-92	TRANSISTOR DT TRANSISTOR DT TRANSISTOR 2S TRANSISTOR DT	C143ESA C2785-HFE			
		<capacitor></capacitor>									
C409	1-101-880-00	CERAMIC	47PF	5%	50V			<resistor></resistor>			
C411	1-101-888-00	CERAMIC	68PF	5%	50V	R414	1-247-823-31	CARBON	470	5%	1/4W
C412	1-101-888-00	CERAMIC	68PF	5%	50V	R415	1-249-409-11	CARBON	220	5%	1/4W
C414	1-102-973-00	CERAMIC	100PF	5%	50V	R417	1-249-409-11	CARBON	220	5%	1/4W
C416	1-102-973-00	CERAMIC	100PF	5%	50V	R418 R422	1-249-415-11 1-247-809-31	CARBON CARBON	680 120	5% 5%	1/4W 1/4W
C417	1-102-973-00	CERAMIC	100PF	5%	50V	10422	1-247-007-31	CARDON	120	370	1/4**
C418	1-102-820-00	CERAMIC	330PF	5%	50V	R423	1-249-407-11	CARBON	150	5%	1/4W
C419	1-102-973-00	CERAMIC	100PF	5%	50V	R427	1-249-411-11	CARBON	330	5%	1/4W
C422	1-102-820-00	CERAMIC	330PF	5%	50V	R428	1-249-433-11	CARBON	22K	5%	1/4W
C424	1-102-824-00	CERAMIC	470PF	5%	50V	R430 R431	1-247-823-31	CARBON	470 22K	5% 5%	1/4W 1/4W
		<filter></filter>				K431	1-249-433-11	CARBON	22 <b>K</b>	3%	1/4 W
						R432	1-247-823-31	CARBON	470	5%	1/4W
CF45	1-767-220-11	FILTER, CERAMI	С			R435	1-247-823-31	CARBON	470	5%	1/4W
CF60	1-567-100-00	FILTER, CERAMI				R436	1-249-433-11	CARBON	22K	5%	1/4W
CF65	1-567-101-11	FILTER, CERAMI	С			R437	1-249-433-11	CARBON	22K	5%	1/4W
CN401	* 1-778-603-11	<connector> PIN, CONNECTOR</connector>	R (PC BOARI	D) 12P		*****	*******	******	******	*****	******
		<trimmer></trimmer>				*	· A-1294-182-A	A12 BOARD, CO! (KV-J21MF1AK/J: ************************************	21MN1AK/J2	1PF1)	
CT45 CT60 CT65	1-579-690-11 1-409-429-11 1-409-327-00	TRAP, CERAMIC TRAP, CERAMIC TRAP, CERAMIC	(6.5MHZ)								
								<capacitor></capacitor>			
		<diode></diode>				C201	1-125-799-51	ELECT	1MF	20%	63V
						C202	1-125-804-51	ELECT	100MF	20%	16V
D402	8-719-911-19	DIODE 1SS119-25				C203	1-125-799-51	ELECT	1MF	20%	63V
						C204 C205	1-125-804-51 1-136-159-00	ELECT FILM	100MF 0.033MF	20% 5%	16V 50V
		<ic></ic>									
70101	0.770.000.47	707 15010				C206	1-130-480-00	MYLAR	0.0056MF	5%	50V
IC401	8-759-800-65	IC LA7910				C207 C208	1-125-800-51 1-125-800-51	ELECT ELECT	2.2MF 2.2MF	20% 20%	63V 63V
						C208	1-123-800-31	MYLAR	0.0056MF	5%	50V
		<coil></coil>				C210	1-136-159-00	FILM	0.033MF	5%	50V
1.402	1 410 510 11	INDLICTOR	101111			C211	1 126 165 00	EH M	0.13/05	50/	5011
L403 L404	1-410-510-11 1-410-508-11	INDUCTOR INDUCTOR	12UH 8.2UH			C211 C1212	1-136-165-00 1-125-799-51	FILM ELECT	0.1MF 1MF	5% 20%	50V 63V
L405	1-410-508-11	INDUCTOR	8.2UH			C1212	1-125-804-51	ELECT	100MF	20%	16V
L407	1-410-511-11	INDUCTOR	15UH			C1222	1-136-173-00	FILM	0.47MF	5%	50V
L408	1-410-500-11	INDUCTOR	1.8UH			C1223	1-125-799-51	ELECT	1MF	20%	63V
T 400	1 410 501 51	INDLICTOR	0.01111			G1225	1 126 172 00	EH M	0.473.45	50/	5011
L409 L411	1-410-501-51 1-410-502-11	INDUCTOR INDUCTOR	2.2UH 2.7UH			C1225 C1228	1-136-173-00 1-125-799-51	FILM ELECT	0.47MF 1MF	5% 20%	50V 63V
							/// 01				· · ·
		<transistor></transistor>						<connector></connector>			
Q405	8-729-119-76	TRANSISTOR 2SA	A1175-HFE			CN1211*	1-778-603-11	PIN, CONNECTO	R (PC BOAR	D) 12P	
Q407 Q410	8-729-119-76 8-729-119-76	TRANSISTOR 2SA TRANSISTOR 2SA					1-778-603-11	PIN, CONNECTO			

RM-883





REF. NO. PART NO.	DESCRIPTION		REMA	RK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	<connector></connector>				R725	1-220-959-81	METAL	1.5K	5%	1/2W
CN701 1-508-766-00 CN703 * 1-564-509-11	PIN, CONNECTOR (5 PLUG, CONNECTOR	,			R725	1-249-419-11	(KV-J21MF1AK/J2 CARBON (KV-J21MF3)	1.5K	5%	1/4W
CN704 1-695-915-11	TAB (CONTACT)	COI			R726	1-220-959-81	METAL (KV-J21MF1AK/J2	1.5K	5%	1/2W
	<diode></diode>				R726	1-249-419-11	CARBON (KV-J21MF3)	1.5K	5%	1/4W
D701 8-719-911-19	DIODE 1SS119-25				R727	1-220-959-81	METAL (KV-J21MF1AK/J2	1.5K	5%	1/2W
D701 8-719-911-19							(IX V-J21IVII TAIX/J2	ZIIVII VI AIX/JZ	21111)	
	DIODE 188119-25				D.707	1 240 410 11	CARRON	1 577	50/	1 / 4337
D703 8-719-911-19	DIODE 1SS119-25				R727	1-249-419-11	CARBON	1.5K	5%	1/4W
D707 8-719-911-19	DIODE 1SS119-25						(KV-J21MF3)			
D708 8-719-911-19	DIODE 1SS119-25				R728	1-249-407-11	CARBON	150	5%	1/4W
					R729	1-249-408-11	CARBON	180	5%	1/4W
D709 8-719-911-19	DIODE 1SS119-25				R730	1-249-408-11	CARBON	180	5%	1/4W
	DIODE 1SS119-25				R731		CARBON	100	5%	1/4W
					K/31	1-247-807-31	CARDON	100	3%	1/4 VV
D711 8-719-911-19	DIODE 1SS119-25									
D712 8-719-911-19	DIODE 1SS119-25				R732	1-247-807-31	CARBON	100	5%	1/4W
D716 8-719-911-19	DIODE 1SS119-25				R733	1-247-807-31	CARBON	100	5%	1/4W
					R734	1-247-739-11	CARBON	100	5%	1/2W
D717 8-719-121-24	DIODE RD9.1ESL				R738	1-247-807-31	CARBON	100	5%	1/4W
D/17 0 /1) 121 24	DIODE RD7.1ESE				R739	1-247-807-31	CARBON	100	5%	1/4W
					K/39	1-247-007-31	CARDON	100	370	1/ <b>4 vv</b>
	<jack></jack>				R740	1-247-807-31	CARBON	100	5%	1/4W
	JACK									
					R755	1-249-418-11	CARBON	1.2K	5%	1/4W
J701 🛆 1-251-239-11	SOCKET, CRT				R756	1-249-418-11	CARBON	1.2K	5%	1/4W
					R757	1-249-418-11	CARBON	1.2K	5%	1/4W
	<coil></coil>									
							<variable res<="" td=""><td>ISTOR&gt;</td><td></td><td></td></variable>	ISTOR>		
L701 1-410-667-31	INDUCTOR 22	2UH								
					RV701	1-230-641-11	RES, ADJ, METAI	L GLAZE 2.2	M	
	<transistor></transistor>									
	<transistor></transistor>									
0704 9 720 226 11		S11			******	*****	******	*****	*****	**
Q704 8-729-326-11	TRANSISTOR 2SC26				******	*******	*******	******	*****	**
Q705 8-729-326-11	TRANSISTOR 2SC26 TRANSISTOR 2SC26	511			******	******	******	******	*****	**
Q705 8-729-326-11 Q706 8-729-326-11	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26	511 511							******	***
Q705 8-729-326-11	TRANSISTOR 2SC26 TRANSISTOR 2SC26	511 511					K BOARD, COMP		*****	***
Q705 8-729-326-11 Q706 8-729-326-11	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26	511 511 091-O						LETE		***
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10	511 511 091-O					K BOARD, COMP	PLETE 21MN1AK O		***
Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10	511 511 091-O 091-O					K BOARD, COMP (KV-J21MF1AK/J2	PLETE 21MN1AK O		**
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10	511 511 091-O 091-O				· A-1380-580-A	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	LETE 21MN1AK O *****		**
Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17           Q709         8-729-200-17           Q710         8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27	511 511 091-O 091-O 091-O 185-HFE					K BOARD, COMP (KV-J21MF1AK/J2	LETE 21MN1AK O *****		**
Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17           Q709         8-729-200-17           Q710         8-729-119-78           Q711         8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27	511 511 991-0 991-0 991-0 785-HFE 785-HFE				· A-1380-580-A	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	LETE 21MN1AK O *****		**
Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17           Q709         8-729-200-17           Q710         8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27	511 511 991-0 991-0 991-0 785-HFE 785-HFE				· A-1380-580-A	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	LETE 21MN1AK O *****		***
Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17           Q709         8-729-200-17           Q710         8-729-119-78           Q711         8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27	511 511 991-0 991-0 991-0 785-HFE 785-HFE				· A-1380-580-A	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	LETE 21MN1AK O *****		***
Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17           Q709         8-729-200-17           Q710         8-729-119-78           Q711         8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27	511 511 991-0 991-0 991-0 785-HFE 785-HFE			*	A-1380-580-A 4-352-844-01	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	PLETE PLIMNIAK O *******	NLY)	
Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17           Q709         8-729-200-17           Q710         8-729-119-78           Q711         8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27	511 511 991-0 991-0 991-0 785-HFE 785-HFE			C1501	4-352-844-01 1-136-165-00	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	PLETE	NLY)	50V
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17 Q709 8-729-200-17 Q710 8-729-119-78 Q711 8-729-119-78 Q712 8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 <resistor></resistor>	511 511 591-0 991-0 991-0 985-HFE 985-HFE			C1501 C1502	4-352-844-01 1-136-165-00 1-136-165-00	K BOARD, COMP (KV-J21MF1AK/J2************************************	PLETE	5% 5%	50V 50V
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17 Q709 8-729-200-17 Q710 8-729-119-78 Q711 8-729-119-78 Q712 8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 CRESISTOR> CARBON 68	511 511 991-O 991-O 991-O 785-HFE 785-HFE 785-HFE	1/2W		C1501 C1502 C1503	4-352-844-01 1-136-165-00 1-136-165-00 1-136-169-00	K BOARD, COMP (KV-J21MF1AK/J2************************************	PLETE 21MN1AK O ******* TING 0.1MF 0.1MF 0.22MF	5% 5% 5%	50V 50V 50V
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17 Q709 8-729-200-17 Q710 8-729-119-78 Q711 8-729-119-78 Q712 8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 CRESISTOR> CARBON 68	511 511 591-0 991-0 991-0 985-HFE 985-HFE	1/2W 1/2W		C1501 C1502	4-352-844-01 1-136-165-00 1-136-165-00	K BOARD, COMP (KV-J21MF1AK/J2************************************	PLETE	5% 5%	50V 50V
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17 Q709 8-729-200-17 Q710 8-729-119-78 Q711 8-729-119-78 Q712 8-729-119-78	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 CRESISTOR>  CARBON 68 CARBON 10	511 511 591-O 991-O 991-O 985-HFE 785-HFE 785-HFE 80K 5% 00K 5%	1/2W	F	C1501 C1502 C1503 C1505	4-352-844-01 1-136-165-00 1-136-165-00 1-136-169-00 1-125-806-51	K BOARD, COMP (KV-J21MF1AK/I2************************************	PLETE 21MN1AK O ******* TING 0.1MF 0.1MF 0.22MF 220MF	5% 5% 5% 20%	50V 50V 50V 50V 16V
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17 Q709 8-729-200-17 Q710 8-729-119-78 Q711 8-729-119-78 Q712 8-729-119-78  R702 1-244-941-00 R703 1-249-496-11 R705 1-216-393-00	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 CRESISTOR>  CARBON 68 CARBON 10 METAL OXIDE 2.	511 511 511 991-O 991-O 991-O 985-HFE 985-HFE 985-HFE 80K 5% 00K 5% 00K 5%	1/2W 3W	F	C1501 C1502 C1503	4-352-844-01 1-136-165-00 1-136-165-00 1-136-169-00	K BOARD, COMP (KV-J21MF1AK/J2************************************	PLETE 21MN1AK O ******* TING 0.1MF 0.1MF 0.22MF	5% 5% 5%	50V 50V 50V
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17 Q709 8-729-200-17 Q710 8-729-119-78 Q711 8-729-119-78 Q712 8-729-119-78  R702 1-244-941-00 R703 1-249-496-11 R705 1-216-393-00 R710 1-215-922-11	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 CARBON 68 CARBON 10 METAL OXIDE 2. METAL OXIDE 6.	511 511 511 591-O 991-O 991-O 985-HFE 985-HFE 985-HFE 80K 5% 900K 5% 00K 5% 2.2 5%	1/2W 3W 3W	FF	C1501 C1502 C1503 C1505 C1506	4-352-844-01 1-136-165-00 1-136-165-00 1-136-169-00 1-125-806-51 1-128-551-11	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	0.1MF 0.1MF 0.22MF 220MF 22MF	5% 5% 5% 20% 20%	50V 50V 50V 16V 25V
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17 Q709 8-729-200-17 Q710 8-729-119-78 Q711 8-729-119-78 Q712 8-729-119-78  R702 1-244-941-00 R703 1-249-496-11 R705 1-216-393-00	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 CARBON 68 CARBON 10 METAL OXIDE 2. METAL OXIDE 6.	511 511 511 991-O 991-O 991-O 985-HFE 985-HFE 985-HFE 80K 5% 00K 5% 00K 5%	1/2W 3W		C1501 C1502 C1503 C1505 C1506	4-352-844-01 1-136-165-00 1-136-165-00 1-136-169-00 1-125-806-51 1-128-551-11	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	0.1MF 0.1MF 0.22MF 220MF 220MF	5% 5% 5% 20% 20%	50V 50V 50V 16V 25V
Q705 8-729-326-11 Q706 8-729-326-11 Q707 8-729-200-17 Q708 8-729-200-17 Q709 8-729-200-17 Q710 8-729-119-78 Q711 8-729-119-78 Q712 8-729-119-78  R702 1-244-941-00 R703 1-249-496-11 R705 1-216-393-00 R710 1-215-922-11 R711 1-247-763-11	TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA20 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27 <a href="mailto:creek">CRESISTOR&gt;</a> CARBON 68 CARBON 10 METAL OXIDE 2. METAL OXIDE 6. CARBON 8.	80K 5% 80K 5%	1/2W 3W 3W 1/2W	F	C1501 C1502 C1503 C1505 C1506 C1507 C1508	4-352-844-01 1-136-165-00 1-136-165-00 1-136-169-00 1-128-806-51 1-128-551-11 1-125-806-51 1-125-800-51	K BOARD, COMP (KV-J21MF1AK/J2 ************************************	0.1MF 0.1MF 0.22MF 220MF 220MF 2.2MF	5% 5% 5% 20% 20% 20%	50V 50V 50V 16V 25V
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5%&lt;/td&gt;&lt;td&gt;1/2W&lt;br&gt;3W&lt;br&gt;3W&lt;br&gt;1/2W&lt;/td&gt;&lt;td&gt;F&lt;br&gt;F&lt;/td&gt;&lt;td&gt;C1501&lt;br&gt;C1502&lt;br&gt;C1503&lt;br&gt;C1505&lt;br&gt;C1506&lt;br&gt;C1507&lt;br&gt;C1508&lt;br&gt;C1513&lt;br&gt;C1514&lt;/td&gt;&lt;td&gt;4-352-844-01&lt;br&gt;1-136-165-00&lt;br&gt;1-136-165-00&lt;br&gt;1-136-169-00&lt;br&gt;1-125-806-51&lt;br&gt;1-128-551-11&lt;br&gt;1-125-806-51&lt;br&gt;1-126-960-11&lt;br&gt;1-128-551-11&lt;/td&gt;&lt;td&gt;K BOARD, 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CARBON 8.&lt;/td&gt;&lt;td&gt;80K 5%&lt;br&gt;80K 5%&lt;br&gt;80K 5%&lt;br&gt;80K 5%&lt;br&gt;22 5%&lt;br&gt;88K 5%&lt;br&gt;22K 5%&lt;br&gt;88K 5%&lt;br&gt;22K 5%&lt;br&gt;88K 5%&lt;br&gt;22K 5%&lt;/td&gt;&lt;td&gt;1/2W&lt;br&gt;3W&lt;br&gt;3W&lt;br&gt;1/2W&lt;br&gt;3W&lt;br&gt;1/2W&lt;br&gt;3W&lt;br&gt;1/2W&lt;br&gt;1/2W&lt;/td&gt;&lt;td&gt;F&lt;br&gt;F&lt;br&gt;F&lt;/td&gt;&lt;td&gt;C1501&lt;br&gt;C1502&lt;br&gt;C1503&lt;br&gt;C1505&lt;br&gt;C1506&lt;br&gt;C1507&lt;br&gt;C1508&lt;br&gt;C1513&lt;br&gt;C1514&lt;br&gt;C1515&lt;br&gt;C1516&lt;br&gt;C1517&lt;/td&gt;&lt;td&gt;4-352-844-01&lt;br&gt;1-136-165-00&lt;br&gt;1-136-165-00&lt;br&gt;1-136-169-00&lt;br&gt;1-125-806-51&lt;br&gt;1-128-551-11&lt;br&gt;1-125-800-51&lt;br&gt;1-128-551-11&lt;br&gt;1-125-804-51&lt;br&gt;1-125-797-51&lt;br&gt;1-125-800-51&lt;/td&gt;&lt;td&gt;K BOARD, COMP&lt;br&gt;(KV-J21MF1AK/IZ&lt;br&gt;************************************&lt;/td&gt;&lt;td&gt;0.1MF&lt;br&gt;0.1MF&lt;br&gt;0.1MF&lt;br&gt;0.22MF&lt;br&gt;220MF&lt;br&gt;22MF&lt;br&gt;22MF&lt;br&gt;1MF&lt;br&gt;22MF&lt;br&gt;100MF&lt;/td&gt;&lt;td&gt;5%&lt;br&gt;5%&lt;br&gt;5%&lt;br&gt;5%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;/td&gt;&lt;td&gt;50V&lt;br&gt;50V&lt;br&gt;50V&lt;br&gt;16V&lt;br&gt;25V&lt;br&gt;16V&lt;br&gt;63V&lt;br&gt;50V&lt;br&gt;25V&lt;br&gt;16V&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17           Q709         8-729-200-17           Q710         8-729-119-78           Q711         8-729-119-78           Q712         8-729-119-78           R703         1-244-941-00           R703         1-249-496-11           R705         1-216-393-00           R710         1-215-922-11           R711         1-247-763-11           R712         1-215-922-11           R713         1-247-763-11           R714         1-215-922-11           R715         1-247-763-11           R719         1-215-480-00           R720         1-249-923-11&lt;/td&gt;&lt;td&gt;TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27  &lt;RESISTOR&gt;  CARBON 68 CARBON 10 METAL OXIDE 6. CARBON 8. METAL OXIDE 6. CARBON 8.&lt;/td&gt;&lt;td&gt;80K 5%&lt;br&gt;80K 5%&lt;/td&gt;&lt;td&gt;1/2W&lt;br&gt;3W&lt;br&gt;3W&lt;br&gt;1/2W&lt;br&gt;3W&lt;br&gt;1/2W&lt;br&gt;3W&lt;br&gt;1/2W&lt;br&gt;1/4W&lt;/td&gt;&lt;td&gt;F&lt;br&gt;F&lt;br&gt;F&lt;/td&gt;&lt;td&gt;C1501&lt;br&gt;C1502&lt;br&gt;C1503&lt;br&gt;C1505&lt;br&gt;C1506&lt;br&gt;C1507&lt;br&gt;C1508&lt;br&gt;C1513&lt;br&gt;C1514&lt;br&gt;C1515&lt;br&gt;C1516&lt;br&gt;C1517&lt;br&gt;C1519&lt;/td&gt;&lt;td&gt;4-352-844-01&lt;br&gt;1-136-165-00&lt;br&gt;1-136-165-00&lt;br&gt;1-136-165-00&lt;br&gt;1-125-806-51&lt;br&gt;1-125-806-51&lt;br&gt;1-125-806-51&lt;br&gt;1-125-804-51&lt;br&gt;1-125-797-51&lt;br&gt;1-125-800-51&lt;br&gt;1-125-800-51&lt;br&gt;1-125-806-51&lt;/td&gt;&lt;td&gt;K BOARD, COMP&lt;br&gt;(KV-J21MF1AK/IZ&lt;br&gt;************************************&lt;/td&gt;&lt;td&gt;0.1MF&lt;br&gt;0.1MF&lt;br&gt;0.1MF&lt;br&gt;0.1MF&lt;br&gt;0.2MF&lt;br&gt;22MF&lt;br&gt;22MF&lt;br&gt;22MF&lt;br&gt;1MF&lt;br&gt;22MF&lt;br&gt;10MF&lt;br&gt;10MF&lt;/td&gt;&lt;td&gt;5%&lt;br&gt;5%&lt;br&gt;5%&lt;br&gt;5%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;br&gt;20%&lt;/td&gt;&lt;td&gt;50V&lt;br&gt;50V&lt;br&gt;50V&lt;br&gt;16V&lt;br&gt;25V&lt;br&gt;16V&lt;br&gt;63V&lt;br&gt;50V&lt;br&gt;25V&lt;br&gt;16V&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Q705         8-729-326-11           Q706         8-729-326-11           Q707         8-729-200-17           Q708         8-729-200-17           Q709         8-729-200-17           Q710         8-729-119-78           Q711         8-729-119-78           Q712         8-729-119-78           R703         1-244-941-00           R703         1-249-496-11           R705         1-216-393-00           R710         1-215-922-11           R711         1-247-763-11           R712         1-215-922-11           R713         1-247-763-11           R714         1-215-922-11           R715         1-247-763-11           R719         1-215-480-00           R720         1-249-923-11           R721         1-215-489-00&lt;/td&gt;&lt;td&gt;TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SC26 TRANSISTOR 2SA10 TRANSISTOR 2SA10 TRANSISTOR 2SC27 TRANSISTOR 2SC27 TRANSISTOR 2SC27  &lt;a href=" mailto:creek"="">CRESISTOR&gt;</a> <a href="mailto:creek">CARBON</a> <a href="mailto:creek">68</a> CARBON <a href="mailto:creek">CARBON</a> <a href="mailto:creek">68</a> CARBON <a href="mailto:creek">88</a> <a href="mailto:metal-oxide">METAL OXIDE</a> <a href="mailto:creek">6</a> CARBON <a href="mailto:creek">8</a> <a href="mailto:metal-oxide">METAL OXIDE</a> <a href="mailto:creek">6</a> CARBON <a href="mailto:metal-oxide">8</a> <a href="mailto:metal-oxide">METAL OXIDE</a> <a href="mailto:metal-oxide">6</a> CARBON <a href="mailto:metal-oxide">1</a> ARBON <a href="mailto:metal-oxide">1</a> CARBON <a href="mailto:metal-oxide">1</a> CARBON <a href="mailto:metal-oxide">1</a> METAL OXIDE <a href="mailto:metal-oxide">6</a> CARBON <a href="mailto:metal-oxide">1</a> METAL OXIDE <a href="mailto:metal-oxide">6</a> CARBON <a href="mailto:metal-oxide">6</a> CARBON <a href="mailto:metal-oxide">6</a> CARBON <a href="mailto:metal-oxide">6</a> CARBON									

RM-883

V	KV-J21MF1AK
N'	KV-J21MN1AK

K1 (KV-J21MF1AK)

#### VM (KV-J21MF1AK) KV-J21MN1AK)

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C1527 C1528 C1529	1-136-165-00 1-126-953-11 1-126-953-11	FILM ELECT ELECT	0.1MF 2200MF 2200MF	5% 20% 20%	50V 35V 35V	3	* A-1380-581-A	K1 BOARD, COM (KV-J21MF1AK/J2 ************************************	MN1AK O	NLY)	
		<connector></connector>									
CN1501 <sup>3</sup>	* 1-564-508-11	PLUG, CONNECT	OR 5P					<connector></connector>			
CN1502° CN1503°	* 1-564-507-11 * 1-564-506-11	PLUG, CONNECT PLUG, CONNECT	TOR 4P TOR 3P			CN32513	* 1-564-506-11	PLUG, CONNECT	OR 3P		
CN1504	1-564-506-11	PLUG, CONNECT	TOR 3P					<jack></jack>			
		<diode></diode>				J3251	1-536-707-21	TERMINAL, PUSI	H (2P)		
D1501 D1502 D1503	8-719-911-19 8-719-110-72 8-719-110-72	DIODE 1SS119-25 DIODE RD30ESB DIODE RD30ESB	2			*****	******	*******	******	*****	*****
		<ic></ic>				*	* A-1342-422-A	VM BOARD, COM (KV-J21MF1AK/J2			
IC1501	8-759-980-43	IC TDA2009A						*********	******		
		<ic link=""></ic>					4-382-854-11	SCREW (M3X10),	P, SW (+)		
PS1501	1-532-984-11	LINK, IC 2A/90V						<capacitor></capacitor>			
		<transistor></transistor>				C1722 C1724	1-102-115-00 1-102-961-00	CERAMIC CERAMIC	560PF 27PF	10% 5%	50V 50V
Q1503 Q1504	8-729-119-78 8-729-202-67	TRANSISTOR 2S				C1751 C1761 C1763	1-136-153-00 1-161-830-00 1-107-638-11	FILM CERAMIC ELECT	0.01MF 0.0047MF 33MF	5% 99% 20%	50V 500V 160V
		DEGLGTOD				C1764	1-125-804-51	ELECT	100MF	20%	16V
		<resistor></resistor>				C1768 C1769	1-107-368-11 1-107-667-11	MYLAR ELECT	0.047MF 2.2MF	99% 20%	200V 160V
R1501	1-249-385-11	CARBON	2.2	5%	1/4W	C1770	1-104-999-11	MYLAR	0.1MF	10%	200V
R1502	1-249-385-11	CARBON	2.2	5%	1/4W	C1771	1-125-797-51	ELECT	10MF	20%	50V
R1503 R1504	1-220-958-81 1-220-961-81	METAL METAL	1K 2.2K	5% 5%	1/2W 1/2W	C1772	1-125-804-51	ELECT	100MF	20%	16V
R1504	1-249-400-11	CARBON	2.2K 39	5%	1/4W	C1772	1-107-368-11	MYLAR	0.047MF	99%	200V
						C1775	1-125-804-51	ELECT	100MF	20%	16V
R1506	1-249-400-11	CARBON	39	5%	1/4W	C1776	1-125-797-51	ELECT	10MF	20%	50V
R1512	1-247-855-31	CARBON	10K	5%	1/4W	C1778	1-130-471-51	MYLAR	0.001MF	5%	50V
R1516	1-247-855-31	CARBON	10K	5%	1/4W						
R1517	1-249-401-11	CARBON	47	5%	1/4W	C1779	1-130-471-51	MYLAR	0.001MF	5%	50V
R1518	1-247-825-31	CARBON	560	5%	1/4W	C1780	1-125-797-51	ELECT	10MF	20%	50V
R1521	1-249-432-11	CARBON	18K	5%	1/4W						
R1522	1-247-847-31	CARBON	4.7K	5%	1/4W			<connector></connector>			
R1523	1-220-961-81	METAL	2.2K	5%	1/2W						
R1524	1-249-438-11	CARBON	56K	5%	1/4W	CN1701	1-564-511-11	PLUG, CONNECT	OR 8P		
R1525	1-249-398-11	CARBON	27	5%	1/4W						
R1526	1-220-959-81	METAL	1.5K	5% 5%	1/2W			<diode></diode>			
R1528 R1534	1-220-959-81 1-216-388-11	METAL METAL OXIDE	1.5K 0.82	5% 5%	1/2W 3W F	D1761 D1763 D1764 D1767	8-719-911-19 8-719-911-19 8-719-911-19 8-719-110-88	DIODE 1SS119-25 DIODE 1SS119-25 DIODE 1SS119-25 DIODE RD39ESB2			
******	*******	*******	******	*****	******	D1768	8-719-110-88	DIODE RD39ESB2			
								<coil></coil>			
						L1721 L1722	1-414-191-11 1-408-621-31	INDUCTOR INDUCTOR	150UH 330UH		

VM (KV-J21MF1AK) VM (KV-J21MF3)

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REF. NO.	PART NO.	DESCRIPTION			REMA	RK	REF. NO.	PART NO.	DESCRIPTION			REMARK
L1723	1-414-182-11	INDUCTOR	6.8UH				R1812	1-247-847-31	CARBON	4.7K	5%	1/4W
L1723 L1761	1-414-182-11	INDUCTOR	6.8UH 47UH				R1812 R1851	1-247-847-31	CARBON	4./K 10	5% 5%	1/4W 1/4W
L1761 L1762	1-410-476-11	INDUCTOR	39UH				K1031	1-249-393-11	CARBON	10	370	1/4 VV
L1702	1-406-010-31	INDUCTOR	39011									
		<transistor></transistor>					******	*********	******	******	*****	******
Q1722	8-729-119-78	TRANSISTOR 2SO										
Q1723	8-729-119-78	TRANSISTOR 2SO					*	A-1342-403-A	VM BOARD, CON		-J21MF	3)
Q1756	8-729-119-78	TRANSISTOR 2SO							*******	****		
Q1761 Q1762	8-729-119-78 8-729-119-76	TRANSISTOR 2SO						4-382-854-11	SCREW (M3X10),	D SW (1)		
Q1702	0-727-117-70	TRANSISTOR 25	AII/J-III L					4-302-034-11	SCILW (WSZIO),	1,517 (1)		
Q1763	8-729-017-05	TRANSISTOR 2SA	A1837									
Q1764	8-729-119-78	TRANSISTOR 2SO							<capacitor></capacitor>			
Q1765	8-729-017-06	TRANSISTOR 2SO	C4793									
Q1766	8-729-119-78	TRANSISTOR 2SO					C1722	1-102-115-00	CERAMIC	560PF	10%	50V
Q1767	8-729-142-86	TRANSISTOR 2SO	C3733				C1724	1-102-961-00	CERAMIC	27PF	5%	50V
01777	0.700.206.11	TD ANGIGTOD AG	00611				C1751	1-136-153-00	FILM	0.01MF	5%	50V
Q1777	8-729-326-11	TRANSISTOR 2SO	C2611				C1761 C1763	1-161-830-00	CERAMIC ELECT	0.0047MF	99%	500V
							C1703	1-107-638-11	ELECI	33MF	20%	160V
		<resistor></resistor>					C1764	1-126-933-11	ELECT	100MF	20%	16V
							C1768	1-107-368-11	MYLAR	0.047MF	99%	200V
R1721	1-247-825-31	CARBON	560	5%	1/4W		C1769	1-107-667-11	ELECT	2.2MF	20%	160V
R1722	1-249-412-11	CARBON	390	5%	1/4W		C1770	1-104-999-11	MYLAR	0.1MF	10%	200V
R1723	1-249-407-11	CARBON	150	5%	1/4W		C1771	1-126-964-51	ELECT	10MF	20%	50V
R1724	1-249-407-11	CARBON	150	5%	1/4W		G1550	1 126 022 11	DI DOM	1007 (F)	200/	1.01
R1725	1-249-412-11	CARBON	390	5%	1/4W		C1772	1-126-933-11	ELECT	100MF	20%	16V
R1727	1-220-963-81	METAL	3.3K	5%	1/2W		C1773 C1775	1-107-368-11 1-126-933-11	MYLAR ELECT	0.047MF 100MF	99% 20%	200V 16V
R1727 R1728	1-247-855-31	CARBON	10K	5%	1/4W		C1776	1-126-964-51	ELECT	100MF	20%	50V
R1732	1-125-797-51	ELECT	10MF	20%	50V		C1778	1-130-471-51	MYLAR	0.001MF	5%	50V
R1736	1-220-959-81	METAL	1.5K	5%	1/2W							
R1753	1-249-434-11	CARBON	27K	5%	1/4W		C1779	1-130-471-51	MYLAR	0.001MF	5%	50V
							C1780	1-126-964-51	ELECT	10MF	20%	50V
R1762	1-249-409-11	CARBON	220	5%	1/4W							
R1764	1-247-734-11	CARBON	39	5%	1/2W				CONNECTOR			
R1765 R1766	1-249-414-11 1-249-418-11	CARBON CARBON	560 1.2K	5% 5%	1/4W 1/4W	F			<connector></connector>			
R1768	1-249-418-11	METAL	2.2K	5%	1/4W		CN1701	1-564-511-11	PLUG, CONNECT	OR 8P		
111700	1 220 701 01		2.211	570	1,2		01/1/01	100.01111	1200,00111201	011 01		
R1769	1-249-384-11	CARBON	1.8	5%	1/4W	F						
R1770	1-249-435-11	CARBON	33K	5%	1/4W				<diode></diode>			
R1772	1-249-432-11	CARBON	18K	5%	1/4W							
R1774	1-215-912-11	METAL OXIDE	150	5%	3W	F	D1761	8-719-911-19	DIODE 188119-25			
R1775	1-249-417-11	CARBON	1K	5%	1/4W	F	D1763	8-719-911-19	DIODE 188119-25			
R1776	1-249-432-11	CARBON	18K	5%	1/4W		D1764 D1767	8-719-911-19 8-719-110-88	DIODE 1SS119-25 DIODE RD39ESB3			
R1770 R1777	1-249-432-11	CARBON	56K	5%	1/4W		D1767 D1768	8-719-110-88	DIODE RD39ESB			
R1778	1-249-430-11	CARBON	12K	5%	1/4W		21700	0 /15 110 00	51055105072055	_		
R1779	1-247-825-31	CARBON	560	5%	1/4W							
R1780	1-249-418-11	CARBON	1.2K	5%	1/4W				<coil></coil>			
D.1=0:	1.040 ***	a.ppo	250	<b>.</b>	4 /				n marana	4.507		
R1781	1-249-410-11	CARBON	270	5%	1/4W	F	L1721	1-414-191-11	INDUCTOR	150UH		
R1782 R1784	1-249-384-11	CARBON CARBON	1.8 100	5% 5%	1/4W	Г	L1722	1-408-621-31	INDUCTOR	330UH 6.8UH		
R1784 R1785	1-247-807-31 1-249-400-11	CARBON	100 39	5% 5%	1/4W 1/4W	F	L1723 L1761	1-414-182-11 1-410-478-11	INDUCTOR INDUCTOR	6.8UH 47UH		
R1786	1-249-400-11	CARBON	33K	5%	1/4W		L1761 L1762	1-410-478-11	INDUCTOR	39UH		
/00	11			0				010 01	0 2 2 0 2 4			
R1787	1-249-428-11	CARBON	8.2K	5%	1/4W							
R1788	1-220-959-81	METAL	1.5K	5%	1/2W				<transistor></transistor>			
R1789	1-247-823-31	CARBON	470	5%	1/4W							
R1790	1-216-451-11	METAL OXIDE	120	5%	2W	F	Q1722	8-729-119-78	TRANSISTOR 2SO			
R1791	1-249-411-11	CARBON	330	5%	1/4W		Q1723	8-729-119-78	TRANSISTOR 2SO			
							Q1756	8-729-119-78	TRANSISTOR 2SO			
							Q1761 Q1762	8-729-119-78 8-729-119-76	TRANSISTOR 2SO TRANSISTOR 2SO			
							Q1/02	0-12 <i>)</i> -11 <i>)</i> -10	1 KAINDID I OK 201	111/J-III-E		

VM (KV-J21MF3)

REF. NO.	PART NO.	DESCRIPTION			REMA	RK	REF. NO.	PART NO.	DESCRIPTION	REMARK
Q1763 Q1764 Q1765	8-729-017-05 8-729-119-78 8-729-017-06	TRANSISTOR 2S. TRANSISTOR 2S. TRANSISTOR 2S.	C2785-HFE						MISCELLANEOUS ************************************	
Q1765 Q1766	8-729-119-78	TRANSISTOR 2S					<b>^</b>	1-409-942-11	COIL, DEMAGNETIZATION	
Q1767	8-729-142-86	TRANSISTOR 2S						1-417-154-21	MATCHING TRANSFORMER, ANTE	NNA
									(KV-J21MF3 ONLY)	
Q1777	8-729-326-11	TRANSISTOR 2S	C2611					1-452-032-00	MAGNET,DISC	
							l l	1-452-277-00	MAGNET, BMC	
		DEGIGEOD.						1-452-509-51	NECK ASSY, CRT (NA308)	
		<resistor></resistor>							(EXCEPT FOR KV-J21PF1)	
R1721	1-247-825-31	CARBON	560	5%	1/4W			1-501-730-41	ANTENNA, TELESCOPIC (KV-J21MI	F3 ONLY)
R1722	1-249-412-11	CARBON	390	5%	1/4W			1-503-902-11	SPEAKER	,
R1723	1-249-407-11	CARBON	150	5%	1/4W			1-505-892-11	SPEAKER (10CM)	
R1724	1-249-407-11	CARBON	150	5%	1/4W				(KV-J21MF1AK/J21MN1AK ONLY)	
R1725	1-249-412-11	CARBON	390	5%	1/4W		<u>^</u>	1-574-062-61	CORD, POWER (WITH CONNECTOR	R) 2.5A/250V
							<u> </u>	1-900-700-05	LEAD ASSY, FOCUS	,
R1727	1-247-843-11	CARBON	3.3K	5%	1/4W					
R1728	1-247-855-31	CARBON	10K	5%	1/4W			8-451-280-33	DEFLECTION YOKE (Y21PXA2)	
R1732	1-126-964-51	ELECT	10MF	20%	50V		$\triangle$	8-738-774-05	PICTURE TUBE (A51JUH71X)	
R1736	1-249-419-11	CARBON	1.5K	5%	1/4W					
R1753	1-249-434-11	CARBON	27K	5%	1/4W					
							*******	*********	***********	*****
R1762	1-249-409-11	CARBON	220	5%	1/4W					
R1764	1-247-734-11	CARBON	39	5%	1/2W					
R1765	1-249-414-11	CARBON	560	5%	1/4W	F			S AND PACKING MATERIALS	
R1766	1-249-418-11	CARBON	1.2K	5%	1/4W			******	*********	
R1768	1-247-839-31	CARBON	2.2K	5%	1/4W					
								1-417-154-21	MATCHING TRANSFORMER, ANTE	ENNA
R1769	1-249-384-11	CARBON	1.8	5%	1/4W	F			(KV-J21MF3 ONLY)	
R1770	1-249-435-11	CARBON	33K	5%	1/4W			1-501-730-41	ANTENNA, TELESCOPIC (KV-J21MI	F3 ONLY)
R1772	1-249-432-11	CARBON	18K	5%	1/4W		l l	3-701-910-01	SCREW, SPECIAL (DIA. 3.8X20)	
R1774	1-215-912-11	METAL OXIDE	150	5%	3W	F		3-862-021-11	MANUAL, INSTRUCTION	
R1775	1-249-417-11	CARBON	1K	5%	1/4W	F			(EXCEPT FOR KV-J21MF3)	
								3-862-021-21	MANUAL, INSTRUCTION (KV-J21M	F3)
R1776	1-249-432-11	CARBON	18K	5%	1/4W					
R1777	1-249-438-11	CARBON	56K	5%	1/4W			4-053-003-01	BAG, PROTECTION	
R1778	1-249-430-11	CARBON	12K	5%	1/4W		*	4-064-273-01	CUSHION (LOWER)(ASSY)	
R1779	1-247-825-31	CARBON	560	5%	1/4W				(KV-J21MF1AK/J21MN1AK)	
R1780	1-249-418-11	CARBON	1.2K	5%	1/4W			4-059-261-01	CUSHION (LOWER)(ASSY) (KV-J211	MF3/J21PF1)
D.1501	1.040.410.41	CARRON	270	<b>5</b> 0.	4 / / ***		*	4-064-274-01	CUSHION (UPPER)(ASSY)	
R1781	1-249-410-11	CARBON	270	5%	1/4W	г	-4-	4.050.050.01	(KV-J21MF1AK/J21MN1AK)	rea/raipers
R1782	1-249-384-11	CARBON	1.8	5%	1/4W	F	*	4-059-262-01	CUSHION (UPPER)(ASSY) (KV-J21N	1F3/J21PF1)
R1784	1-247-807-31	CARBON	100	5%	1/4W	г	4	4 064 270 01	INDIVIDUAL CARTON	
R1785	1-249-400-11		39	5%	1/4W	F	*	4-064-279-01	INDIVIDUAL CARTON	
R1786	1-249-435-11	CARBON	33K	5%	1/4W		sk sk	4 056 172 01	(KV-J21MF1AK/J21MN1AK)	
D1707	1 240 429 11	CARRON	0 NV	50/	1 /4337			4-056-172-01	INDIVIDUAL CARTON (KV-J21MF3)	)
R1787	1-249-428-11	CARBON CARBON	8.2K	5%	1/4W		l l	4-059-267-01	INDIVIDUAL CARTON (KV-J21PF1)	
R1788	1-249-419-11	CARBON	1.5K	5%	1/4W			4-392-003-31	BAND, HOLD CLIP	
R1789 R1790	1-247-823-31 1-216-451-11	METAL OXIDE	470 120	5% 5%	1/4W 2W	F		4-392-004-21	CEII	
R1790 R1791	1-249-411-11	CARBON	330	5%	1/4W	Г				
N1/71	1-4-7-411-11	CARDON	330	J 70	1/ <b>+</b> VV		******	*******	*************	******
R1812	1-247-847-31	CARBON	4.7K	5%	1/4W					
R1851	1-249-393-11	CARBON	10	5%	1/4W					
111001	2., 5,5 11			270	2/ 111				REMOTE COMMANDER	
									******	
******	******	******	******	*****	*****	****		1-475-800-11	REMOTE COMMANDER (RM-883)	
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